

EMMONS\_HAWKINS HARDWARE CO.

Harness Catalogue



# **SPECIAL HARNESS CATALOGUE**

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**SEASON 1910 and 1911**

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## **EMMONS - HAWKINS HARDWARE Co.**

**MANUFACTURERS, IMPORTERS AND JOBBERS**



**Hardware, Tools, Stoves, Household Goods,  
Cutlery, Guns, Ammunition, Contractors' and  
Blacksmiths' Supplies, Building Material,  
Paints and Oils, Gas Fixtures, Mantles, Iron,  
Steel, Etc.**



**HUNTINGTON, W. VA.**



This catalogue presents to your notice a representative line of Harness, Harness Parts and Kindred Goods for the Fall of 1910 and the Spring of 1911. While this is an advance catalogue, giving a fair idea of the goods usually in demand for the general trade, we might add that we are in position to supply on short notice almost anything desired by the contractor, the farmer, the stableman, etc.

Mail orders may be intrusted to us, with the assurance that our prices will be the lowest consistent with shipping facilities and market conditions. Huntington is situated on the Ohio River and enjoys the advantage of four important railway lines, thereby securing good rates by both river and rail. We make special effort to ship all goods the day the orders are received.

We think our friends will agree with us that it is more satisfactory to place your orders with an established house close at home, with a good reputation for reliability and fair and honorable dealing, than it is to send your orders far away to dealers not well known to you. Write us for quotations on your season's requirements.

We are thankful to our many friends for their liberal patronage, which has made possible our Extensive Stock and Efficient Service, to merit a continuance of their many favors will be our constant aim.

EMMONS-HAWKINS HARDWARE CO.,  
HUNTINGTON, W. VA.

Webster Family Library of Veterinary Medicine  
Cummings School of Veterinary Medicine at  
Tufts University  
200 Westboro Road  
North Grafton, MA 01536



## Single Buggy Harness

Bridle.— $\frac{5}{8}$  inch, flat check and winker stay, overcheck, patent leather blinds, ring bit.

Lines.— $\frac{3}{4}$ -inch, buckle and billet, all black.

Breast Collar.—Folded, short loops, to buckle.

Hames.— $3\frac{1}{2}$  pounds, Japanned, short loop tugs.

Traces.—1-inch, double and stitched, to buckle.

Collar.—Black buggy.

Saddle.— $2\frac{1}{2}$ -inch, cloth lined, full pad.

Shaft Tugs.— $\frac{7}{8}$ -inch, leather loop.

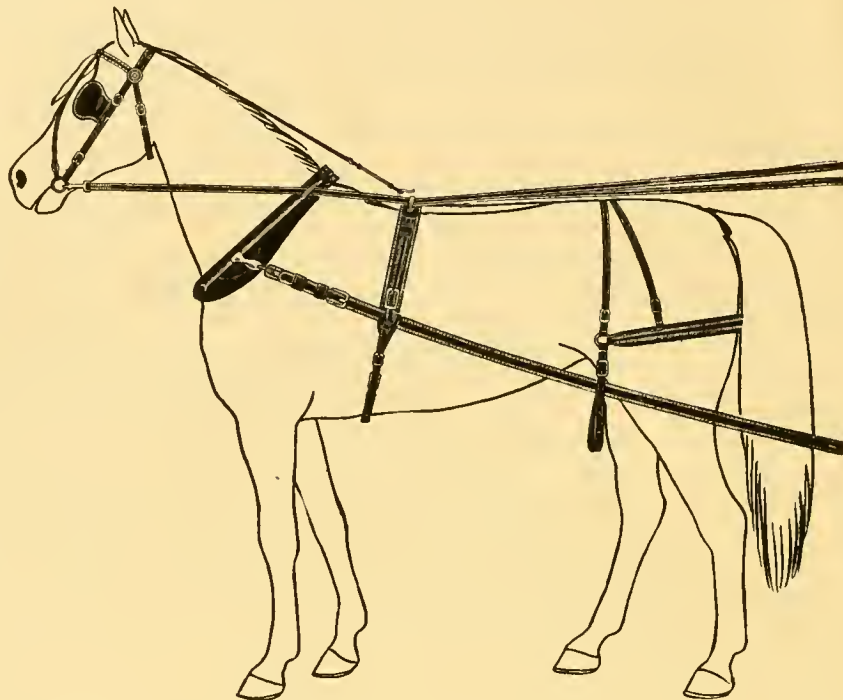
Belly Bands.—1-inch, Griffith,  $\frac{5}{8}$ -wrap straps.

Turnback.— $\frac{5}{8}$ -inch, round buckle-on crupper.

Hip Straps.— $\frac{5}{8}$ -inch, double.

Breeching Body.—Folded, full layer.

Holdbacks.— $\frac{3}{4}$ -inch, union loop buckles.



No. 100—Single Buggy Harness. With Breast Collar. X C or Japanned Trimmings. Complete..... \$13.00  
 No. 101— " " " " Collar and Hames. X C or Japanned Trimmings. Complete..... 14.00

Bridle.— $\frac{5}{8}$ -inch, box loops, flat winker stay, overcheck, patent leather blinds, ring bit.

Lines.— $\frac{7}{8}$ -inch, buckle and billet, all black.

Breast Collar.—Folded, short loops, to buckle.

Hames.— $3\frac{1}{2}$  pounds, Japanned, short loop tugs.

Traces.— $1\frac{1}{8}$ -inch, double and stitched, to buckle.

Collar.—Kip buggy.

Saddle.—3-inch, cloth lined, full pad.

Shaft Tugs.—1-inch, box loop.

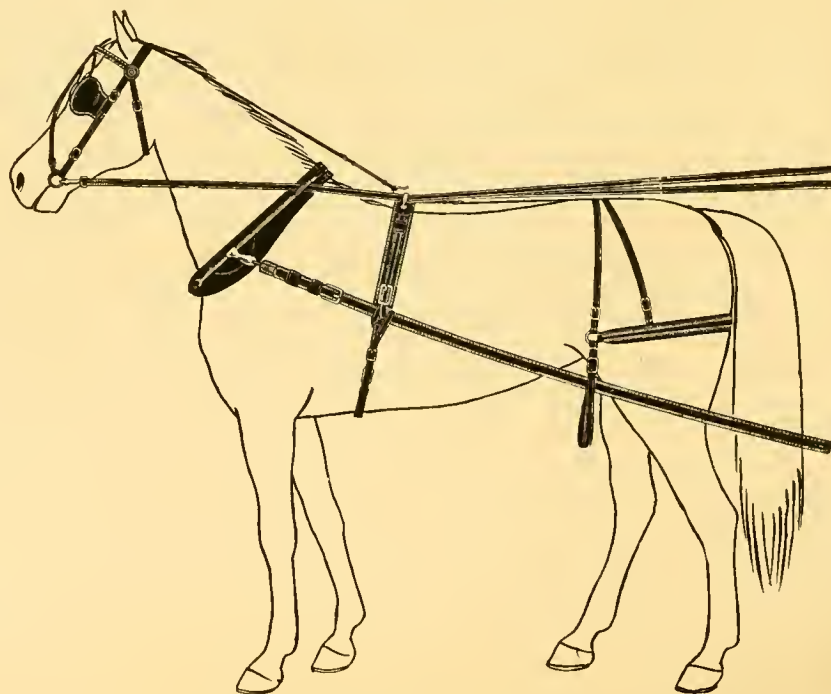
Belly Bands.— $1\frac{1}{4}$ -inch, Griffith,  $\frac{3}{4}$ -wrap straps.

Turnback.— $\frac{3}{4}$ -inch, round buckle-on crupper.

Hip Straps.— $\frac{5}{8}$ -inch, double.

Breeching Body.—Folded,  $\frac{7}{8}$ -inch layer.

Holdbacks.— $\frac{7}{8}$ -inch, union loop buckles.



No. 105—Single Buggy Harness. With Breast Collar. X C or Japanned Trimmings. Complete..... \$14.50  
 No. 106— " " " " Collar and Hames. X C or Japanned Trimmings. Complete..... 15.50

## Single Buggy Harness

Bridle— $\frac{5}{8}$ -inch, metal loop cheeks, flat winker stays, patent leather blinds.

Lines— $\frac{3}{4}$  x  $\frac{7}{8}$ -inch, buckle and billet.

Hames and Tugs—Japanned, brass or nickel,  $1\frac{1}{8}$ -inch loops and buckles.

Traces— $1\frac{1}{2}$ -inch, doubled and stitched, to buckle.

Collar—No. 100.

Breast Collar—Folded, metal loop tugs.

Saddle—3-inch, leather pad, strap.

Shaft Tugs—1-inch, with billets.

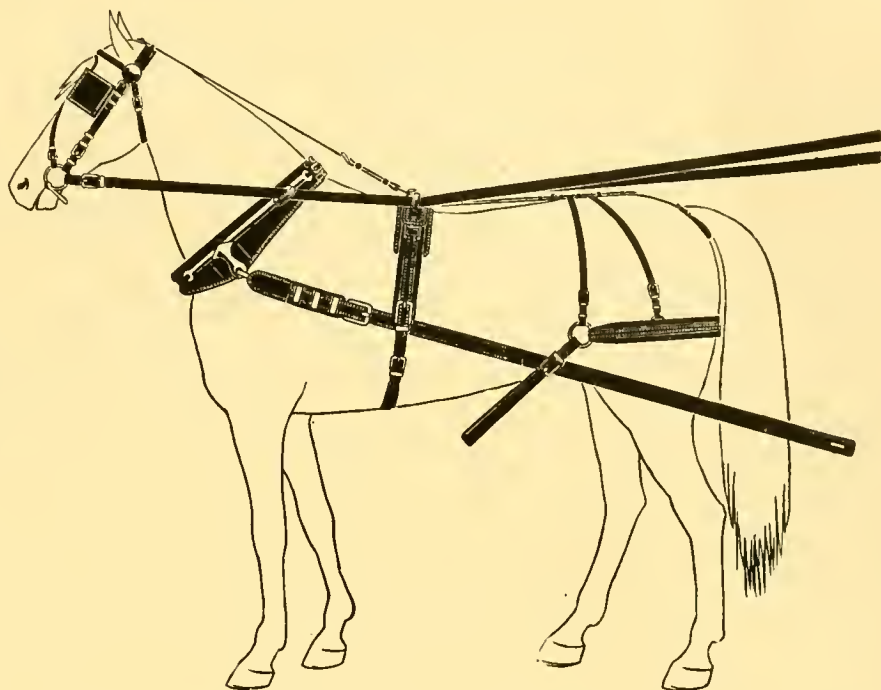
Belly Band—Double,  $\frac{7}{8}$  x  $1\frac{1}{4}$ -inch.

Breeching Body—Folded, with layer, metal loop tugs.

Turnback— $\frac{5}{8}$ -inch, double, English style.

Hip Straps— $\frac{5}{8}$ -inch, double.

Holdback Straps— $\frac{7}{8}$ -inch.



No. 120—Single Buggy Harness. With Breast Collar. X C or Japanned Trimmings. Complete..... \$14.50

No. 121— " " " " Collar and Hames. X C or Japanned Trimmings. Complete..... 14.50

Bridle— $\frac{5}{8}$ -inch, metal loop cheeks, round winker stays, patent leather blinds.

Lines— $\frac{7}{8}$ -inch, buckle and billet.

Hames and Tugs—Brass or nickel trimmed, metal loops,  $1\frac{1}{4}$ -inch.

Traces— $1\frac{1}{2}$ -inch, single strap, to buckle.

Collar—No. 104.

Breast Collar— $2\frac{1}{2}$ -inch curved,  $1\frac{3}{4}$ -inch traces, attached, split neck strap.

Saddle—3-inch, leather lined, strap.

Shaft Tugs—1-inch, metal loops.

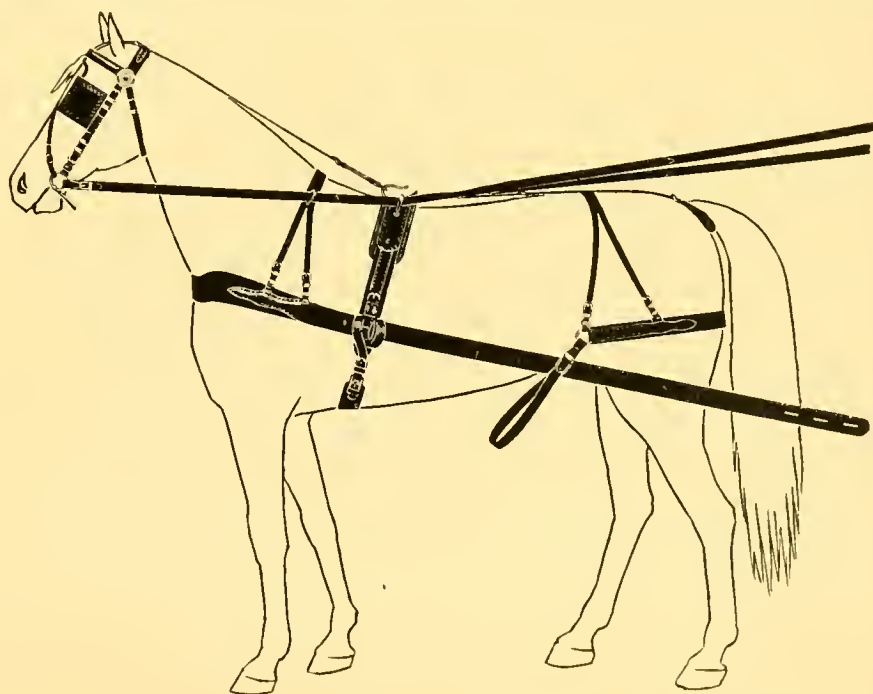
Belly Band—Griffith style,  $\frac{3}{4}$ -inch wrap straps.

Breeching Body— $1\frac{3}{8}$ -inch, single strap, metal loop tugs.

Turnback— $\frac{3}{4}$ -inch, sewed crupper.

Hip Straps— $\frac{5}{8}$ -inch, split.

Holdback Straps— $\frac{3}{4}$ -inch.



No. 110—Single Strap Buggy Harness. With Breast Collar. Solid Brass or Nickel Composition Trimmings. Complete..... \$16.40

No. 111—Single Strap Buggy Harness. With Collar and Hames. Solid Brass or Nickel Composition Trimmings. Complete..... 16.50

## Single Buggy and Wagon Harness

Bridle— $\frac{5}{8}$ -inch, metal loop cheeks, round winker stays, patent leather blinds.

Lines— $\frac{7}{8}$  x 1-inch, steel billets.

Hames and Tugs—Brass or nickel trimmed, metal loops,  $1\frac{1}{8}$ -inch.

Traces— $1\frac{1}{8}$ -inch, single strap, to buckle.

Collar—No. 104.

Saddle—3-inch, swell strap, leather lined.

Shaft Tugs—1-inch, metal loops.

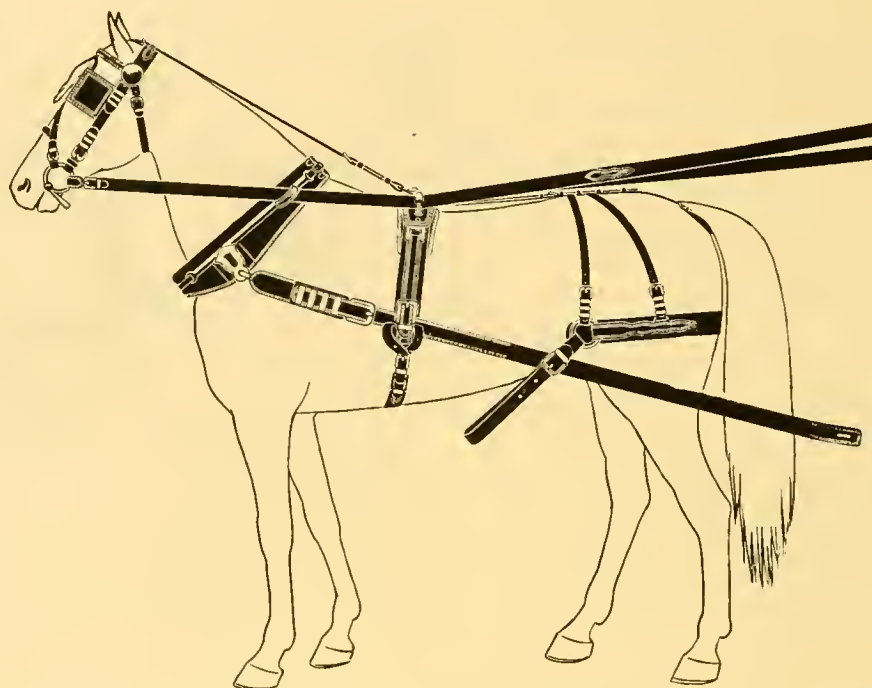
Belly Band—Griffith style,  $1\frac{1}{2}$ -inch.

Breeching Body— $1\frac{1}{2}$ -inch, single strap,  $\frac{5}{8}$ -inch metal loop tugs.

Turnback— $\frac{3}{4}$ -inch, English, buckle crupper.

Hip Straps— $\frac{5}{8}$ -inch, double.

Holdback Straps— $\frac{7}{8}$ -inch, brass loops.



No. 115—Single Strap Buggy Harness. Solid Brass or Nickel Composition Trimmings. Complete..... Per set. \$17.50

Bridle— $\frac{7}{8}$ -inch, flat cheeks, flat winker stay and side reins, red blinds, ring bit.

Lines—1-inch, with buckles and billets.

Hames—Red, X C ball top.

Traces— $1\frac{1}{2}$ -inch, double and stitched,  $5\frac{1}{2}$  feet with 12-inch heel chains.

Collar—Black split.

Saddle— $5\frac{1}{2}$ -inch, short leather pad, S A tree.

Shaft Tugs—With bar buckles and dee billets.

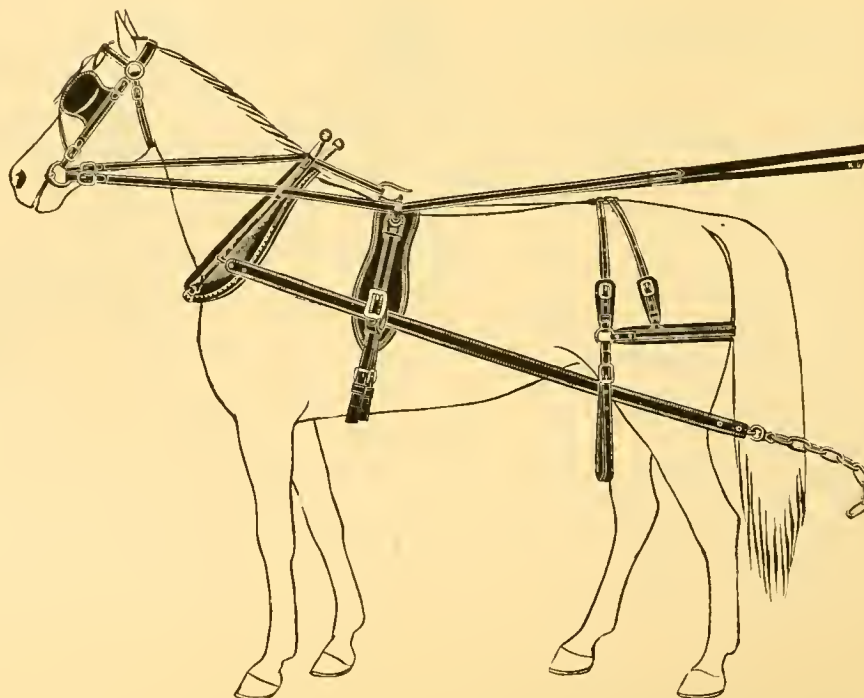
Belly Bands—Flat.

Turnback—1-inch, with safe.

Hip Straps— $\frac{7}{8}$ -inch, double.

Breeching Body—Folded, with layer.

Holdbacks—1-inch, with union loop buckles.



No. 125—Single Wagon Harness. X C Trimmings. Complete..... Per set. \$21.00



## Single Wagon and Express Harness

Bridle—1-inch, flat cheeks, flat winker stays and side reins, red blinds, ring bit.

Lines—1-inch, buckles and billets.

Hames—Red, X C ball top.

Traces—1¾-inch, double and stitched, 5½ feet, with 12-inch heel chains.

Collar—Black split.

Saddle—5½-inch, short leather pad, S A tree.

Shaft Tugs—With bar buckles and dee billets.

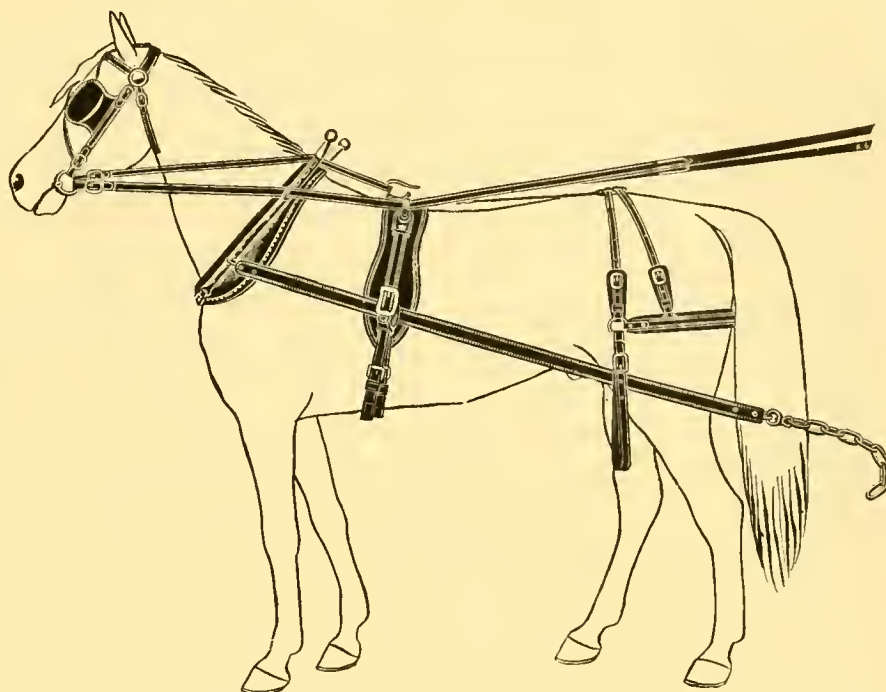
Belly Bands—Flat.

Turnback—1¼-inch, with safe.

Hip Straps—1¼-inch, double.

Breeching Body—Folded, with layer.

Holdbacks—1¼-inch, union loop buckles.



Per set.

No. 130—Single Wagon Harness.	X C Trimmings. Complete .....	\$23.00
No. 131— " " "	Full Brass Trimmings. Complete .....	27.00

Bridle—¾-inch, box loop cheeks, round winker stays, flat side cheek, half cheek bit.

Lines—1-inch.

Hames—Red, ball top, box loop tugs.

Traces—1¼-inch, double and stitched.

Collar—No. 30, kip

Saddle—4-inch, full padded enamel, cloth lined.

Shaft Tugs—1¼-inch, with billets.

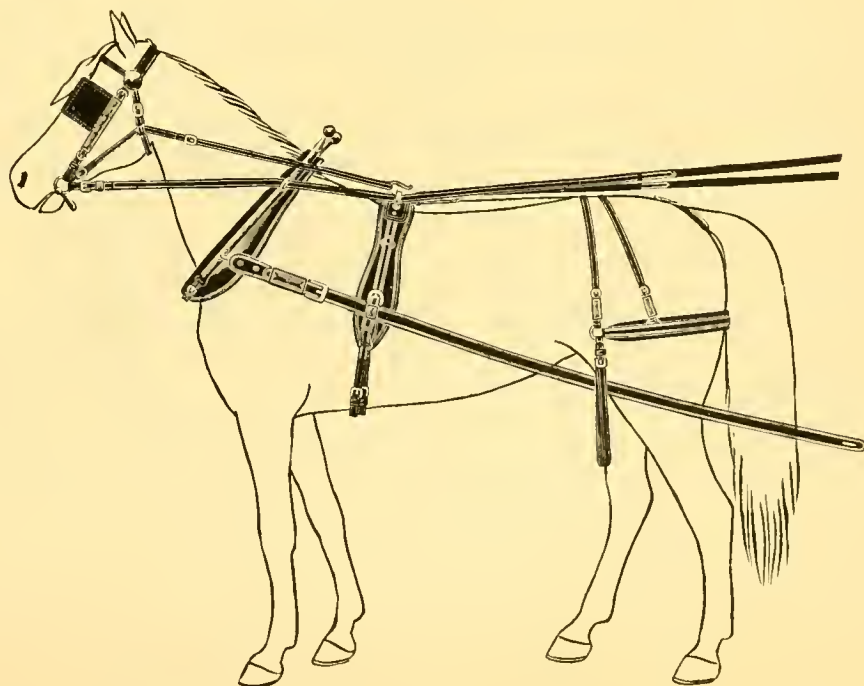
Belly Bands—Folded, leather loops.

Turnback—¾-inch, buckle crupper.

Hip Straps—¾-inch, double.

Breeching Body—Folded, box loop tugs.

Holdbacks—1-inch, roller buckle, leather loops.



Per set.

No. 135—Single Express Harness.	Full X C or Japanned Trimmings. Complete.....	\$27.00
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## Single Express Harness

Bridle— $\frac{3}{4}$ -inch, box loop cheeks, round winker stay, round side check, half cheek bit.

Lines— $1 \times 1\frac{1}{4}$ -inch, buckle and billet.

Hames—Red, ball top,  $1\frac{1}{2}$ -inch box loop tugs.

Traces— $1\frac{1}{2}$ -inch, double and stitched, with cockeyes.

Collar—Kip, team.

Saddle—5-inch, leather pad, single strap skirts.

Shaft Tugs— $1\frac{1}{2}$ -inch,  $1\frac{1}{4}$ -inch billets.

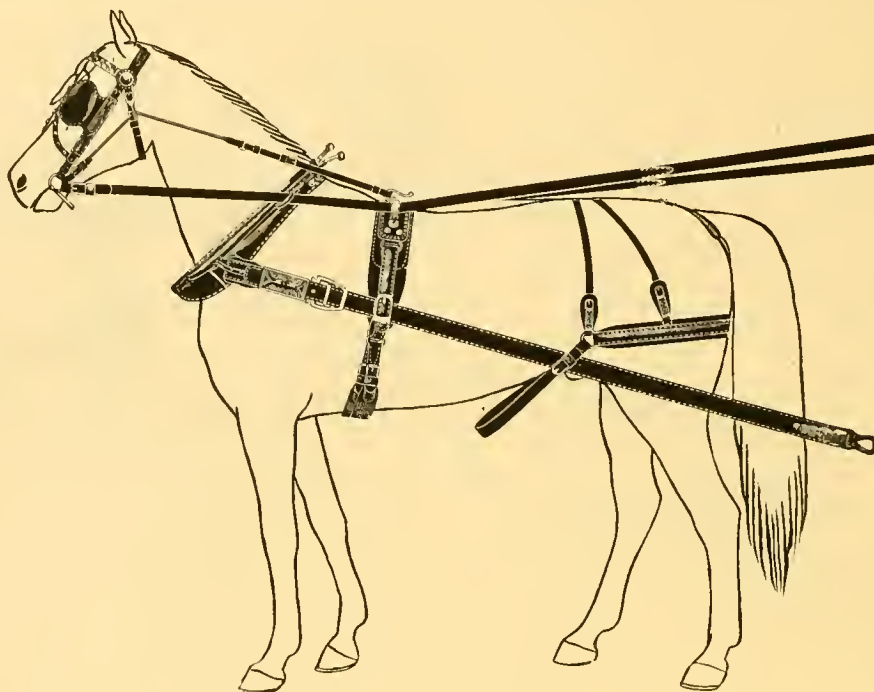
Belly Bands—Folded, leather loops.

Turnback— $1 \times 1\frac{1}{2}$ -inch, buckle crupper.

Hip Straps— $\frac{7}{8}$ -inch, double.

Breeching Body—Folded, box loop tugs.

Holdbacks— $1\frac{1}{4}$ -inch, leather loops.



Per set.

No. 145—Single Express Harness. Full X C Trimmings. Complete..... \$36.00

Bridle— $\frac{3}{4}$ -inch, round reins and winker stay, nose band, swell blinds.

Lines— $1\frac{1}{8}$ -inch, buckle and billets.

Hames—Brass ball top.

Traces— $1\frac{3}{4}$ -inch, three-row stitched, attached to hames.

Collar—No. 80.

Choke Strap—1-inch.

Saddle—5-inch, harness leather skirts, leather pad.

Shaft Tugs— $1\frac{1}{2}$ -inch.

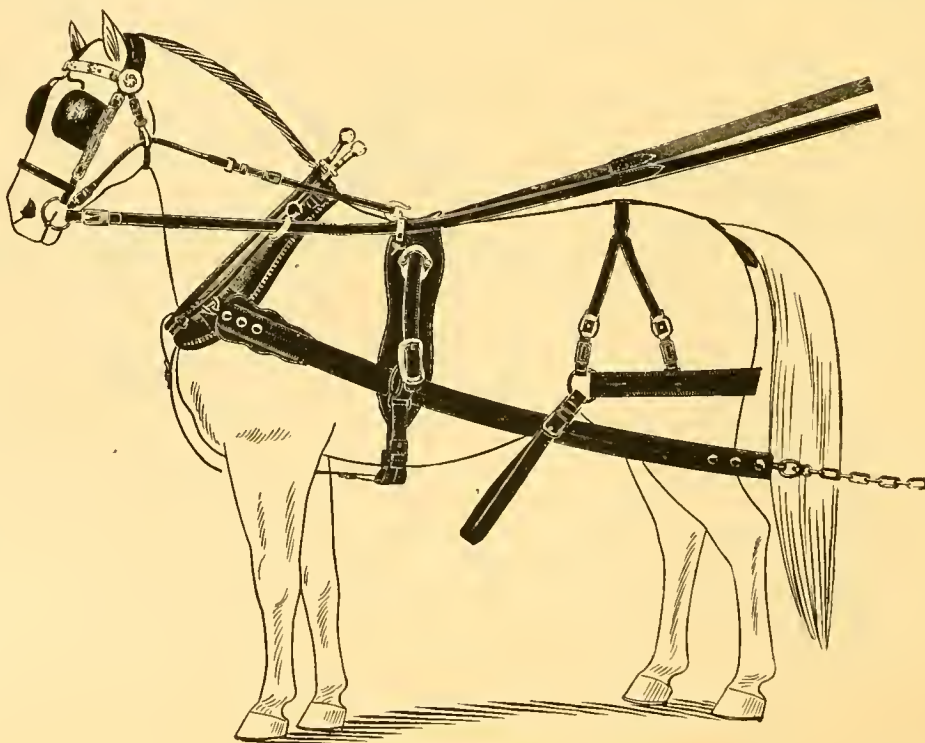
Belly Bands—Folded.

Turnback— $1\frac{1}{4}$ -inch, buckle crupper.

Hip Strap—1-inch, fancy split.

Breeching Body—Double and stitched.

Holdbacks— $1\frac{1}{4}$ -inch, leather loop.



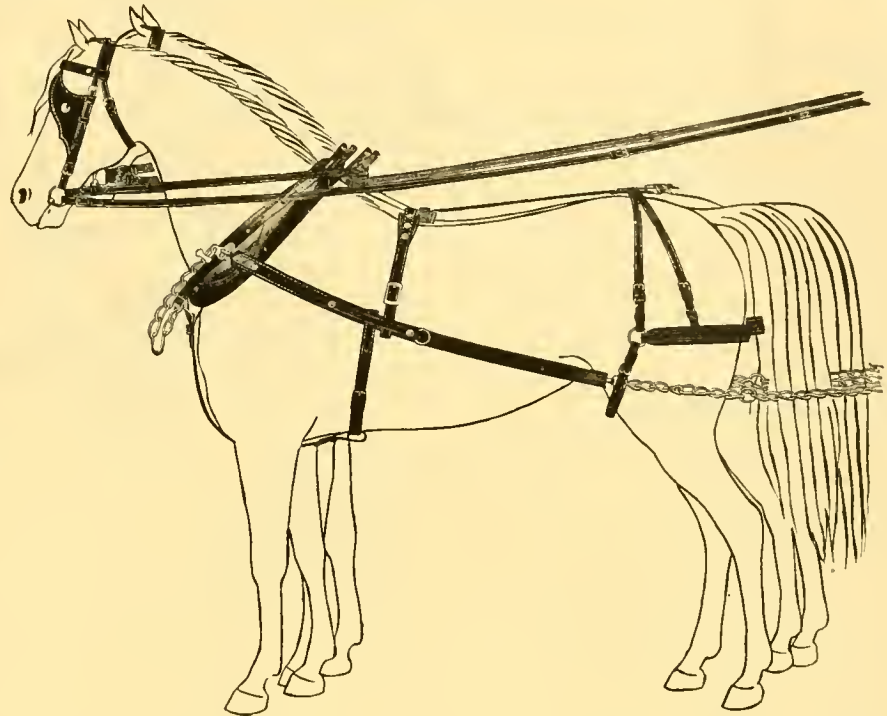
Per set.

No. 155—Single Express Harness. Brass Trimmings. Complete..... \$50.00

## Double Team Harness

Bridles— $\frac{7}{8}$ -inch, Pigeon Wing blinds.  
 Lines— $\frac{7}{8}$ -inch by 16 feet.  
 Hames—Red stage, X C ball top.  
 Traces— $1\frac{1}{4}$ -inch by  $4\frac{1}{2}$  feet, chain  $3\frac{1}{2}$ -8-2 stage.  
 Collar—No. 9.  
 Breast Chains—26-8-2.  
 Choke Straps— $1\frac{1}{4}$ -inch.  
 Back Bands—Folded,  $1\frac{1}{4}$ -inch layer and billets.  
 Breeching—Stage,  $\frac{3}{4}$ -inch.  
 Holdbacks— $\frac{3}{4}$ -inch.

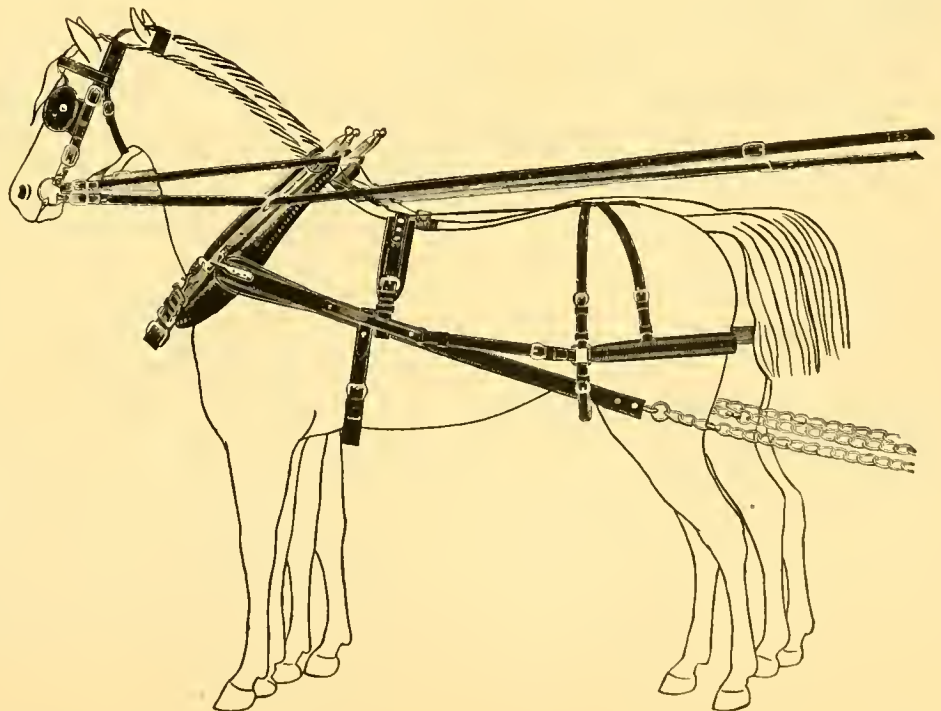
Can also be furnished with  $1\frac{1}{2}$ -inch traces at \$1.00 advance.



No. 140—Double Team Harness. X C Trimmings. Complete..... Per set. \$35.00

Bridles— $\frac{7}{8}$ -inch, flat winker stays, cup blinds, fancy fronts, ring bits.  
 Lines—1 inch by 16 feet.  
 Hames—Red, X C, ball top.  
 Traces— $1\frac{1}{2}$ -inch by  $4\frac{1}{2}$  feet, double and stitched,  $3\frac{1}{2}$  feet stage chain.  
 Collars—No. 31, kip.  
 Breast Straps— $1\frac{1}{2}$ -inch, with slides and snaps.  
 Choke Straps— $1\frac{1}{4}$ -inch.  
 Back Bands—Folded,  $1\frac{3}{4}$ -inch reverse billets.  
 Belly Bands—Folded,  $1\frac{1}{4}$ -inch buckles.  
 Breeching—Folded,  $1\frac{1}{8}$ -inch turnback,  $\frac{7}{8}$ -inch double hip straps,  $\frac{7}{8}$ -inch holdbacks.

Can also be furnished with  $1\frac{3}{4}$ -inch traces at \$2.00 extra.



No. 150—Double Team Harness. X C Trimmings. Complete..... Per set. \$40.00



## Double Team Harness

Bridles—1-inch, harness leather cup blinds, round winker stays, fancy face piece, brass fronts, ring bits.

Lines—1¼-inch by 16 feet.

Hames—Red, dandy brass ball top.

Traces—2-inch, heavy, double and stitched, with clips, and 3½ feet heavy stage chains.

Collars—No. 55, fair throatless.

Breast Straps—1½-inch, with snaps and slides, or Covert's No. 218 breast chains.

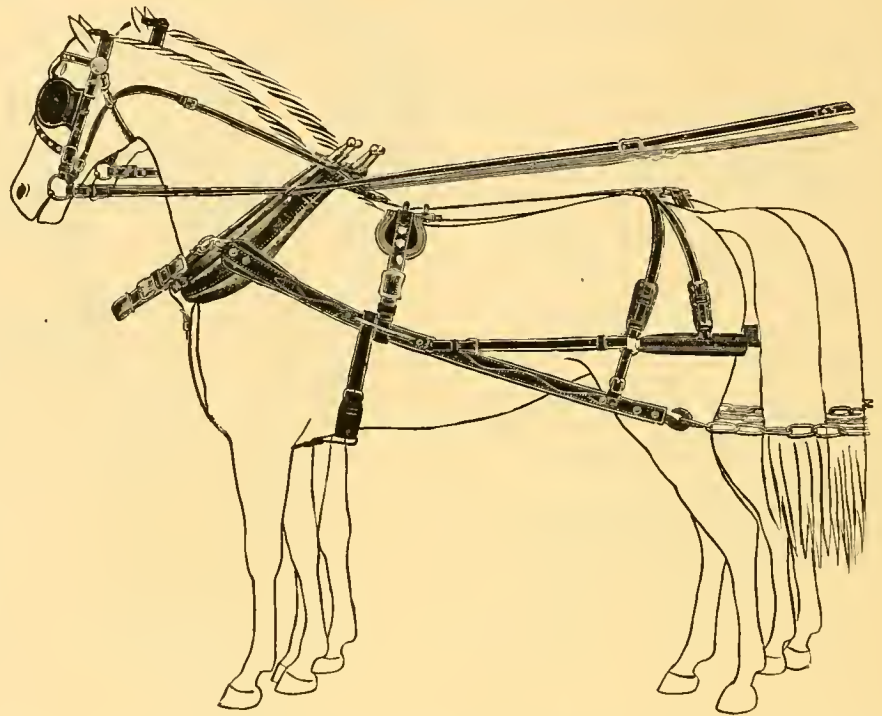
Choke Straps—1½-inch.

Back Bands—Red, felt lined, 1½-inch reverse billets.

Belly Bands—Folded, 1½-inch buckles.

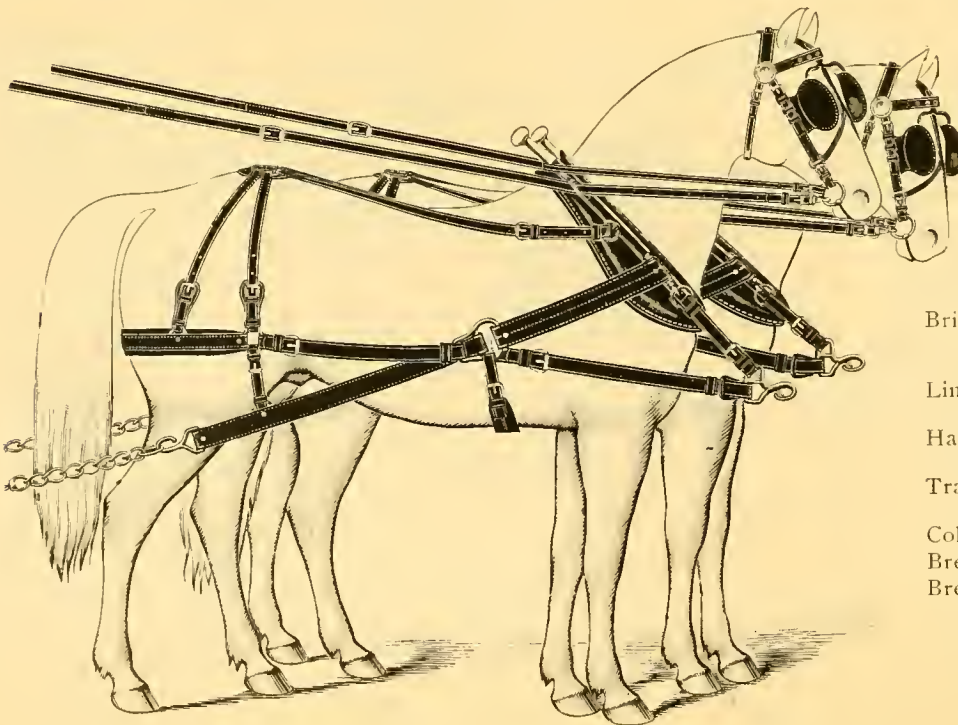
Breeching—Folded, 1½-inch turn-back, 1-inch double hip strap, 1-inch holdbacks.

This harness can also be furnished heavier at advance price.



Per set.

No. 160—Double Team Harness. Japanned Trimmings, with Brass Top Hames and Spots. Complete..... \$58.00



Bridles—¾-inch, heavy cup blinds, face piece, round winker stays, ring bits.

Lines—1-inch by 18 feet, extra heavy.

Hames—Dandy concord bolt, brass ball tops.

Traces—2-inch front parts, 1¾-inch rear parts, with hooks.

Collars—Heavy team No. 80.

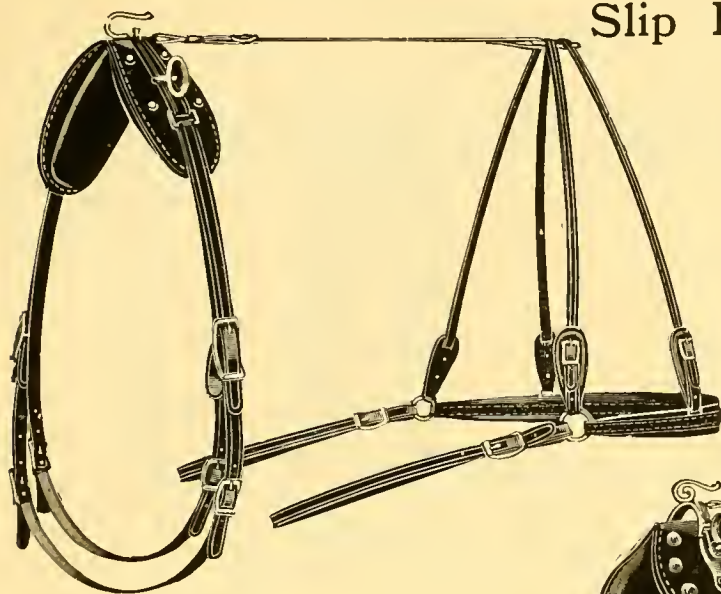
Breast Straps—1½-inch.

Breeching—1¾-inch folded, 1½-inch layer, 1½-inch back straps, 1½-inch side straps, 1½-inch side backers.

Per set.

No. 165—Heavy Team Harness. Japanned Trimmings, Brass Ball Hames. Without Collars..... \$90.00

## Slip Harness



Saddle—Swell shape, harness top and pad.  
 Shaft Tugs— $\frac{7}{8}$ -inch, with billets.  
 Belly Bands— $\frac{7}{8}$ -inch, flat.  
 Turnback— $\frac{7}{8}$ -inch.  
 Hip Straps— $\frac{3}{4}$ -inch, double.  
 Breeching Body—Folded.  
 Holdbacks— $\frac{7}{8}$ -inch.

Per set.

No. 1—X C Trimmed..... \$6.00

Saddle— $5\frac{1}{2}$ -inch, harness leather top and pad,  
 S. A. tree.

Shaft Tugs—1-inch, with billets.

Belly Bands— $\frac{7}{8}$ -inch, flat.

Turnback— $\frac{7}{8}$ -inch.

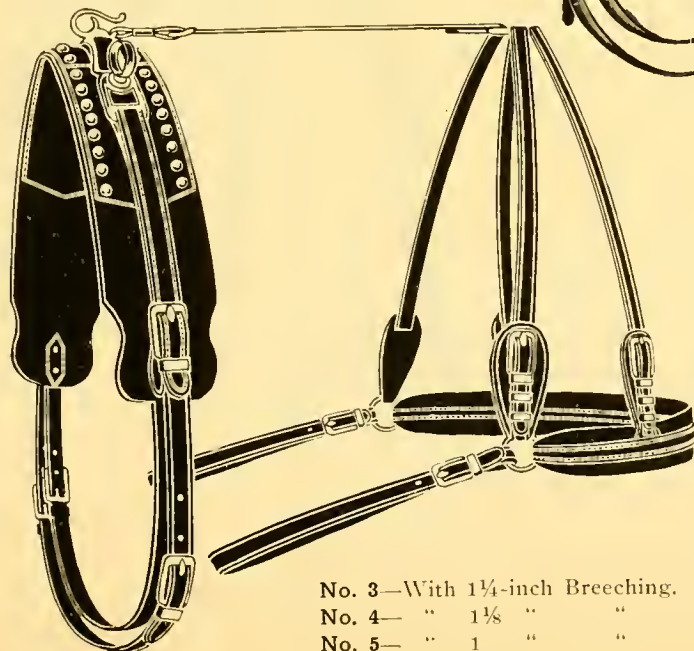
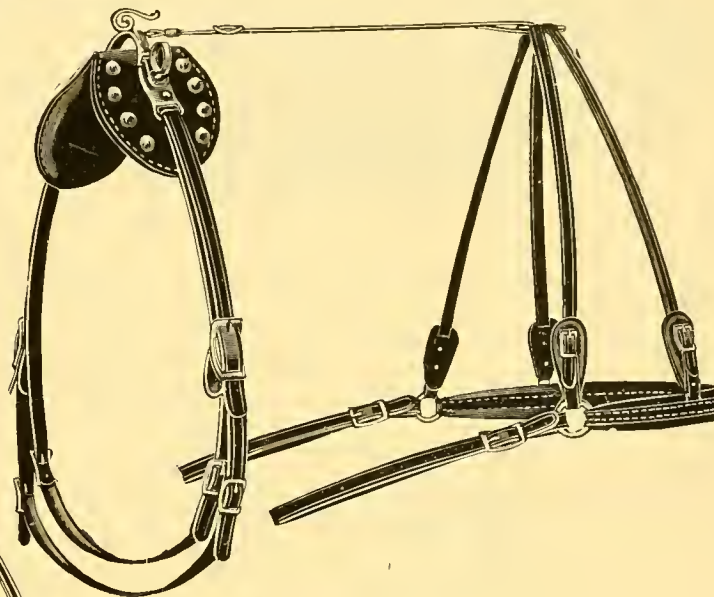
Hip Straps— $\frac{3}{4}$ -inch, double.

Breeching Body—Folded, 1-inch, layer.

Holdbacks— $\frac{7}{8}$ -inch.

Per set.

No. 2—X C Trimmed..... \$8.00



Saddle—6-inch, straight skirts, S. A. tree,  
 leather pad.

Shaft Tugs— $1\frac{1}{2}$ -inch.

Belly Bands— $1\frac{1}{2}$ -inch.

Turnback— $1\frac{1}{4}$ -inch.

Hip Straps— $1\frac{1}{4}$ -inch.

Breeching Body—Folded,  $1\frac{1}{4}$ -inch layer.

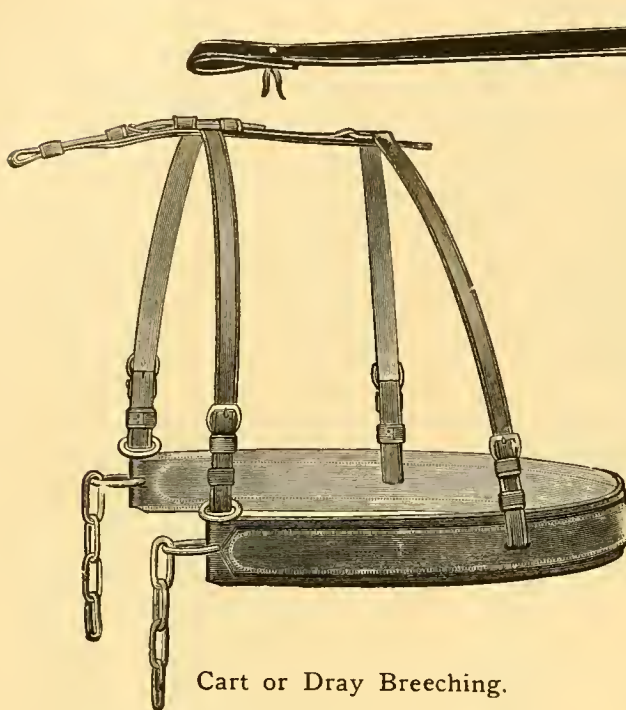
Holdback Straps— $1\frac{1}{4}$ -inch.

Per set.

No. 3—With $1\frac{1}{4}$ -inch Breeching.	X C Trimmings.....	\$14.00
No. 4— " $1\frac{1}{8}$ " " " "	" " .....	13.50
No. 5— " 1 " " " "	" " .....	13.00

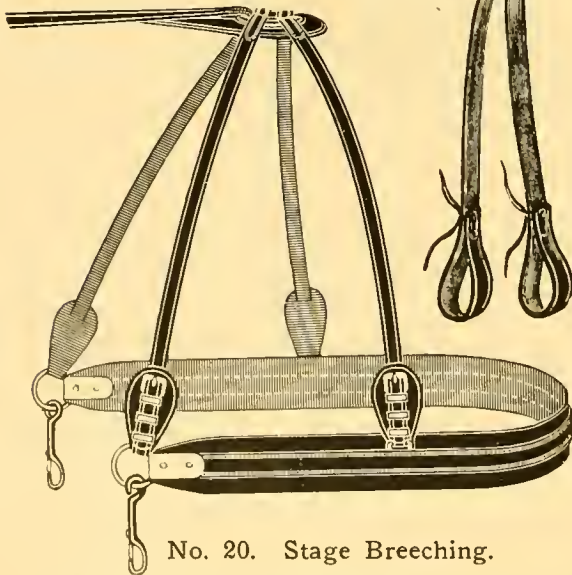


## Hip Straps and Breeching



Cart or Dray Breeching.

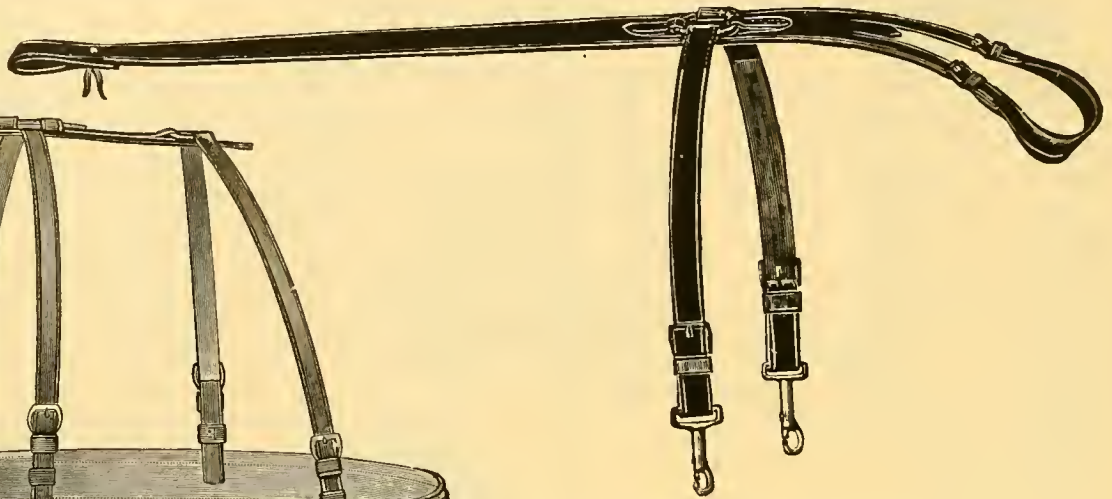
	Bodies.	Hips.	Kidney Straps.	Turnback.	Per Set.
No. 15—	2½	1½	1	1½	\$5.50
No. 16—	3	1¾	1½	1¾	6.50
No. 17—	3½	1½	1¼	1½	7.70
No. 18—	4	1½	1½	1¾	9.50



No. 20. Stage Breeching.

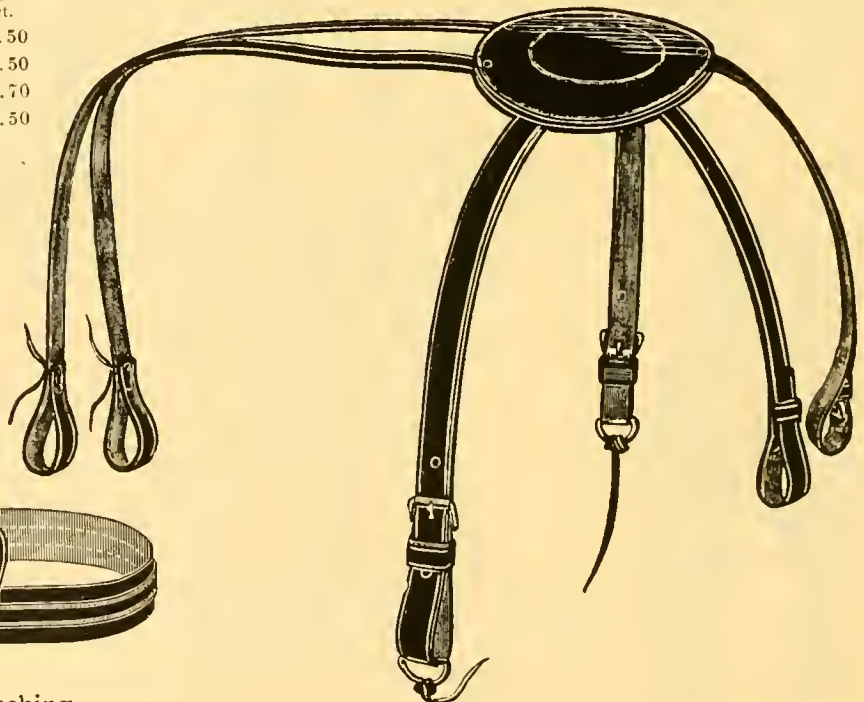
Folded, with Layer, Metal Clips, Brass Loops and Buckle Shields, Snaps.

Size, inches	¾	7/8	1	1⅛	1¼	1½
Per Set	\$5.50	6.50	7.20	8.00	9.00	10.00



Lead Hip Straps.  
With Snaps and Folded Crupper.

						Per set.
No. 10—	1	-inch Hip Straps,	1½-inch Turnback..			\$3.60
No. 11—	1¼	" " "	2½ " "			4.80
No. 12—	1½	" " "	3 " "			6.00
No. 13—	1¾	" " "	3½ " "			6.50
No. 14—	2	" " "	4 " "			8.50

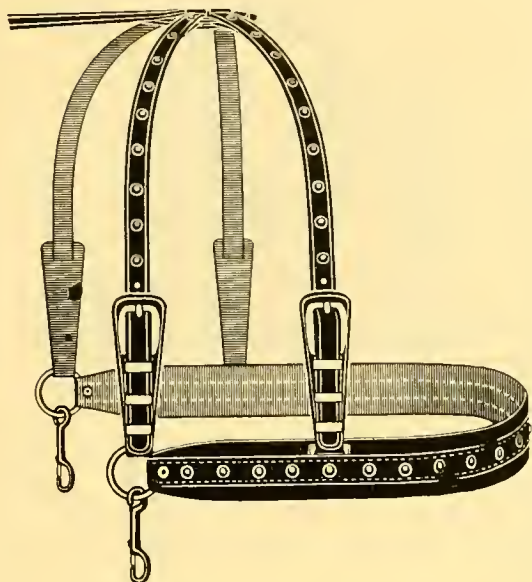


Mine Hip Straps.

All Straps Sewed to Leather Center.

	Per set.
No. 30—1½-inch Cross and Back Straps, 2-inch Hip Straps	\$5.00

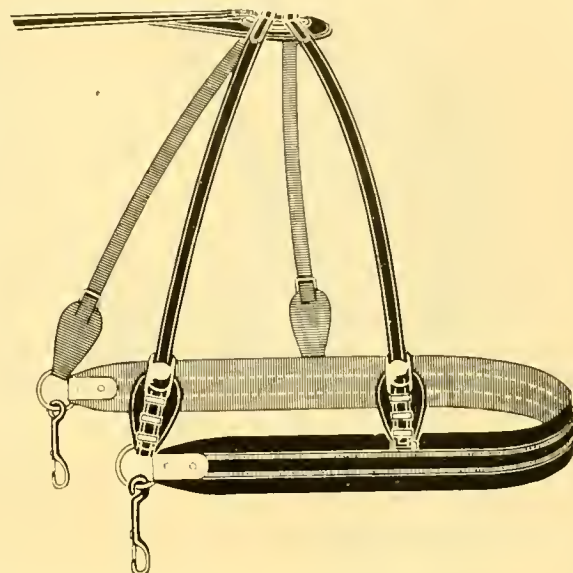
## Harness Breeching



No. 31. Stage Breeching.

Wide Fold, with Layer, Double-in Rings, Brass Trimmings, Snaps.

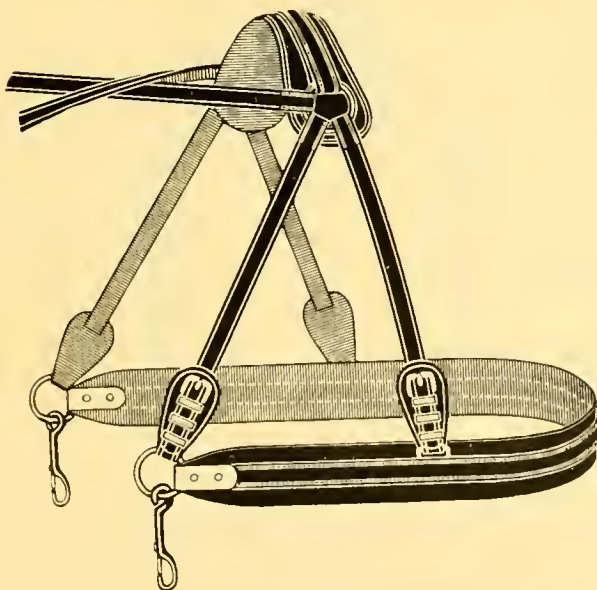
Size, inches .....	1	1¼	1½
Per Set .....	\$8.00	9.00	10.00



No. 32. Stage Breeching.

Folded, with Layer, Metal Clips and Loops, Snaps.

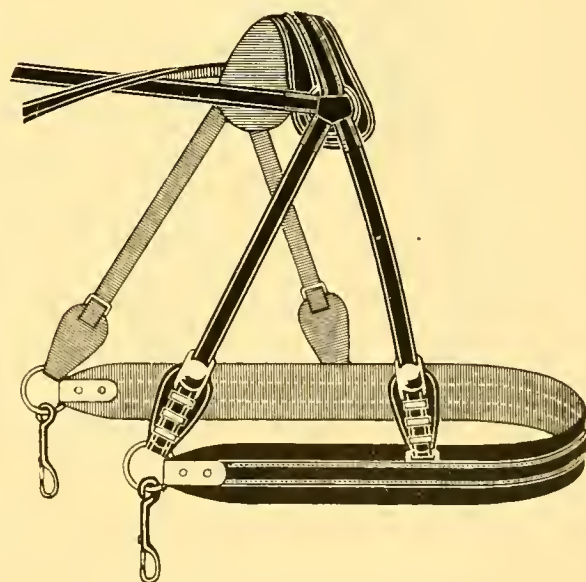
Size, inches .....	¾	7/8	1	1⅛	1¼	1½
Per Set .....	\$5.00	5.50	6.00	6.50	7.00	8.50



No. 34. Yankee Breeching.

Folded, with Layer, Metal Loops and Clips, Snaps.

Size, inches .....	¾	7/8	1	1⅛	1½	1½
Per Set .....	\$5.50	6.50	7.25	8.00	9.00	10.00

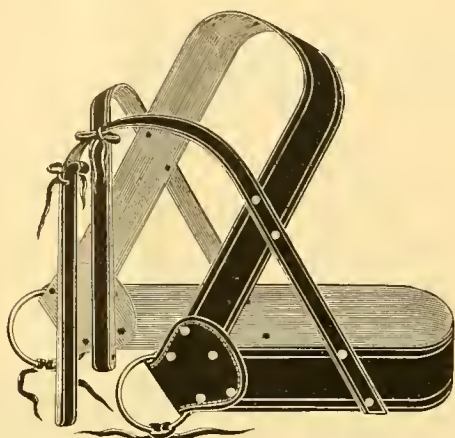


No. 37. Yankee Breeching.

Folded, with Layer, Metal Clips, Brass Loops and Buckle Shields, Snaps.

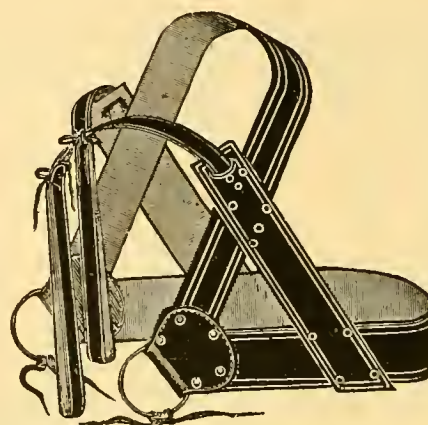
Size, inches .....	¾	7/8	1	1⅛	1¼	1½
Per Set .....	\$5.50	6.00	6.50	7.00	7.70	9.50

## Flat Harness Breeching



No. 40. Flat Breeching.

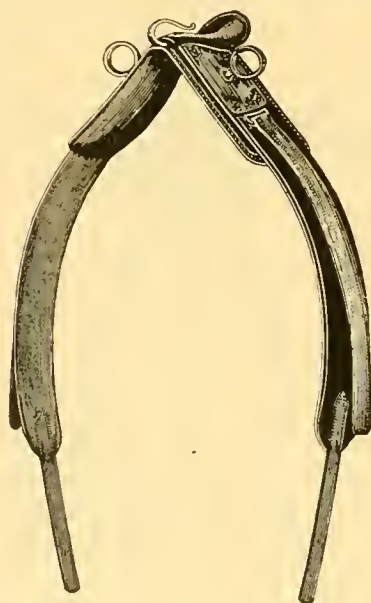
Size.	Bodies.	Hips.	Stays.	Gallis Straps.	Per Set.
2 -inch	2 -inch	1 -inch	7/8 -inch	7/8 -inch...	\$3.60
2 1/2 "	2 1/2 "	1 1/2 "	7/8 "	7/8 " ...	4.50
3 "	3 "	2 "	1 "	1 " ...	5.50
3 1/2 "	3 1/2 "	2 1/2 "	1 1/4 "	1 1/4 " ...	6.30
4 "	4 "	3 "	1 1/4 "	1 1/4 " ...	7.30



No. 46. Flat Breeching.

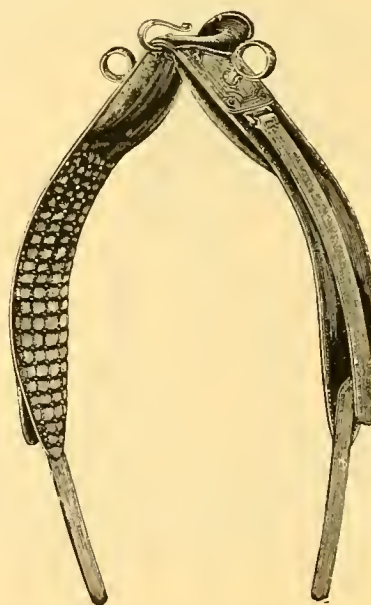
Size.	Bodies.	Hips.	Stays.	Gallis Straps.	Per Set.
2 -inch	2 -inch	1 -inch	1 -inch	7/8 -inch...	\$4.20
2 1/2 "	2 1/2 "	1 1/2 "	1 1/2 "	7/8 " ...	5.30
3 "	3 "	2 "	2 "	1 " ...	6.30
3 1/2 "	3 1/2 "	2 1/2 "	2 1/2 "	1 1/8 " ...	7.50
4 "	4 "	3 "	3 "	1 1/4 " ...	8.40

## Express Saddles



Short Leather Pad, Harness Leather Single Strap Skirts, Iron Jockey.

	Each.
No. 44—X C Plate. 4 inches.....	\$4.60
No. 45— " " 5 " .....	6.00
No. 46—Brass Trimmed. 4 inches.....	5.00
No. 47— " " 5 " .....	6.80



Enameled Leather, Full Pad, Patent Leather Skirts.

	Each.
No. 55 —X C Plate. 5 inches.....	\$7.50
No. 55 1/2— " " 5 1/2 " .....	8.30
No. 56 —Brass Trimmed. 5 inches.....	8.50
No. 56 1/2— " " 5 1/2 " .....	9.20



## Harness Saddles



Patent Leather Jockey, Spring Tree, Leather Pad, Patent Leather Skirts, Leather Lined, Nickered, Brass or Imitation Rubber Trimmings.

No. 13—3 inches wide, 1 inch Bearers ..... Each. \$1.40



Iron Jockey Tree, Split Leather Pad, Harness Leather Skirts, Japanned or X C Trimmings.

	Each.
No. 22½—2½ inches wide, ¾ inch Bearers ....	\$2.10
No. 23 —3 inches wide, 1 inch Bearers ....	2.40
No. 23½—3½ inches wide, 1 inch Bearers ....	2.70



Harness Leather Skirts, Short Leather Pad, S. A. Tree, Brass Spots, 1½-inch Bearers.

	Each.
No. 35—5 inches wide, X C Trimmed .....	\$7.60
No. 36—6 inches wide, X C Trimmed .....	8.50
No. 45—5 inches wide, Brass Trimmed .....	8.50
No. 46—6 inches wide, Brass Trimmed .....	9.50

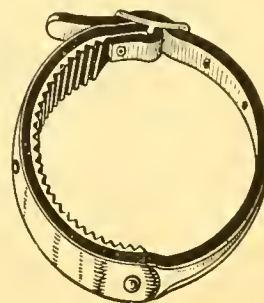
## Tassels and Tail Bands



Hair Tassels.

Assorted Colors—Red, Orange or Green.

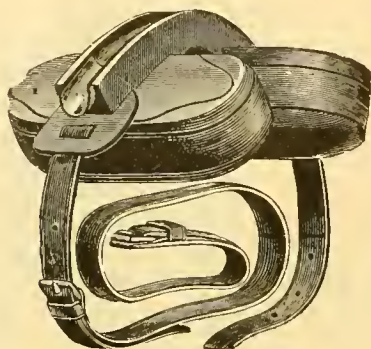
Length, inches .....	10	12	15
Dozen Pairs .....	\$4.00	5.00	6.00



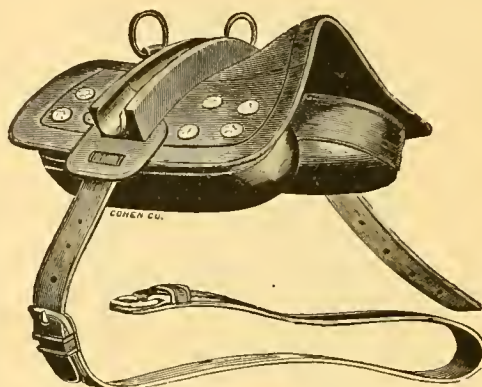
Tail Bands.

	Per dozen.
No. 5—Nickel Plated .....	\$2.00

## Cart Saddles and Pads



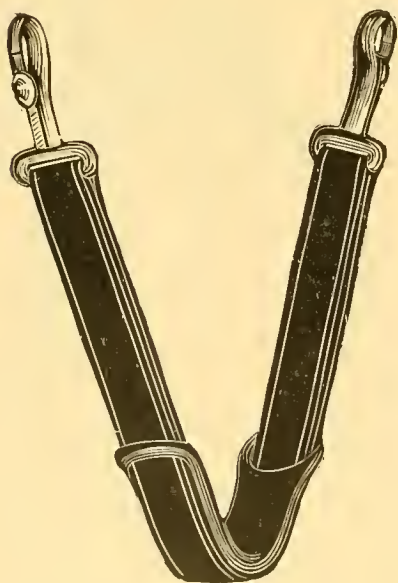
No. 122.



No. 125.

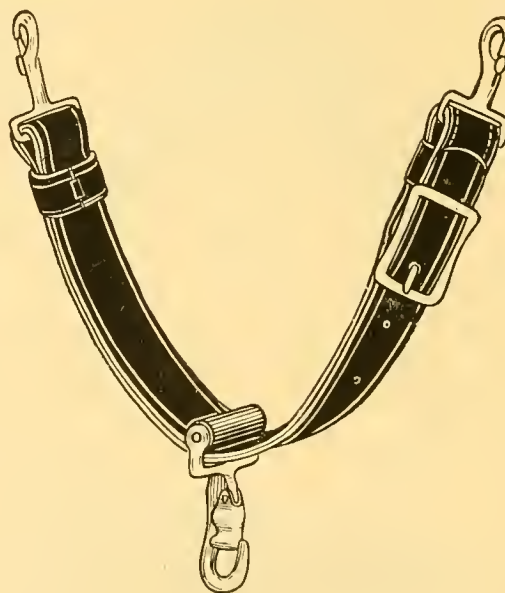
					Each.
No. 122—Short Leather Covered Saddle.	Leather Pad.	1 3/4-inch Girth.	1 1/2-inch Billet.....		\$6.00
No. 125—Double Leather Covered Saddle.	" "	1 3/4 " "	1 1/2 " " .....		8.50

## Breast Straps



Riveted, with Japanned Slides and X C Snaps.  
24 Inches Long.

	Dozen pairs.
No. 1 1/4—1 1/4 inches wide.....	\$18.00
No. 1 1/2—1 1/2 " " .....	20.00
No. 1 3/4—1 3/4 " " .....	22.00



Riveted, with Roller Snap, X C Snaps and Buckles.  
24 Inches Long.

	Dozen pairs.
No. 21 1/2—21 1/2 inches wide.....	\$27.50
No. 21 3/4—21 3/4 " " .....	30.00
No. 22 —2 " " .....	33.00



## Harness Parts



										Per dozen.
No. 12—	Single Wagon Lines.	$\frac{7}{8}$ inch	x 13 feet.	Creased.	Sewed on Snaps.	Riveted Buckles.				\$22.80
No. 13—	"	"	"	"	"	"	"	"	"	27.00
No. 14—	"	"	"	"	"	"	"	"	"	32.00



										Per dozen.
No. 2—	Single Buggy Lines.	$\frac{3}{4}$ x $\frac{7}{8}$ inch.		Buckle and Billet Sewed in.	Japaned Buckles.					\$30.00
No. 4—	"	"	"	"	"	"	"	"	"	32.40
No. 6—	"	"	"	"	"	"	"	"	"	36.00



										Per pair.
No. 23—	Double Buggy Lines.	$\frac{3}{4}$ x $\frac{7}{8}$ inches.		Creased.	Japaned Bar Buckles.					\$3.50
No. 25—	"	"	"	"	"	"	"	"	"	4.00
No. 27—	"	"	"	"	"	"	"	"	"	4.40



										Per dozen.
No. 120—	Double Wagon Check Lines.	Light Weight.	$\frac{7}{8}$ inch	x 16 feet.	Snaps and Buckles Riveted on.					\$40.00
No. 121—	"	"	"	"	"	"	"	"	"	44.00
No. 122—	"	"	"	"	"	"	"	"	"	50.00



										Per dozen.
No. 130—	Double Wagon Check Lines.	Medium Weight.	$\frac{7}{8}$ inch	x 16 feet.	Snaps and Buckles Sewed on.					\$43.00
No. 131—	"	"	"	"	"	"	"	"	"	47.00
No. 132—	"	"	"	"	"	"	"	"	"	54.00



### HALTER OR HITCH REINS.

With Snap Riveted on.

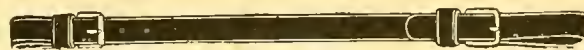
Width, inches	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Per dozen	\$4.00	4.80	5.70	6.40	8.00	9.20



### RIDING BRIDLE REINS.

Black or Fair Leather. Bar Buckles.

		Per dozen.
No. 2—	$\frac{3}{4}$ -inch Leather.	\$6.80
No. 3—	$\frac{7}{8}$ " " "	8.00
No. 4—	1 " " "	9.50



### CHOKE STRAPS.

Black or Fair Leather. Bar Buckles.

		Dozen pairs.
No. 5—	$\frac{3}{4}$ -inch Leather.	\$12.00
No. 6—	1 " " "	14.00
No. 7—	$1\frac{1}{4}$ " " "	18.00



		Dozen pairs.
No. 2—	Hold Back Straps. $\frac{7}{8}$ -inch Leather. Union Loop Buckles. Riveted on.	\$10.00
No. 3—	" " " " " " " " " " " "	12.00
No. 4—	" " " " " " " " " " " "	14.00
No. 5—	" " " " " " " " " " " "	16.00

## Harness Parts



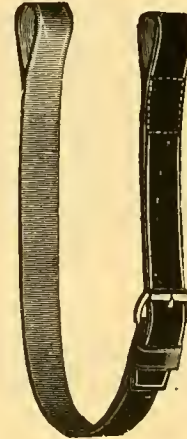
Hame Housing.

	Per pair.
15 x 36 inches. Black Harness Leather.....	\$ 9.00
18 x 40 " " " " .....	11.00



Trace Pipes.

Length, inches .....	30	36	42
Per Set of Four.....	\$4.00	4.80	6.00



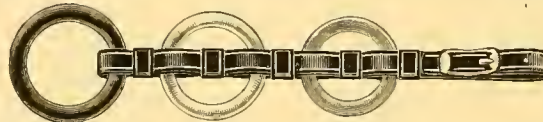
Flat Wagon Belly Bands.

Width, inches .....	1½	2	2½
Sewed, per dozen.....	\$8.50	11.50	15.50
Riveted, per dozen.....	7.00	10.00	14.00



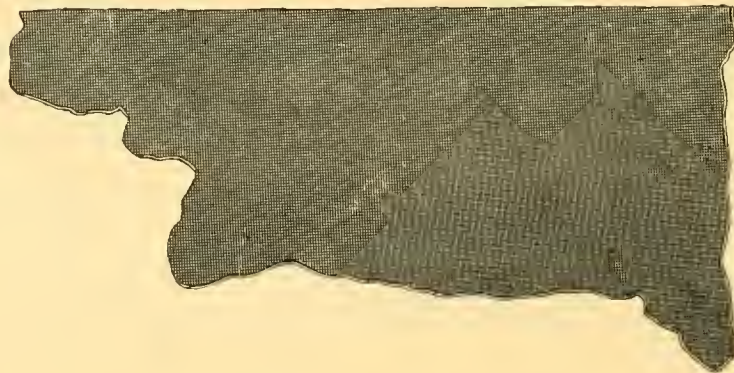
Yoke Straps.

Width, inches .....	1⅛	1¼	1½
Dozen Pairs .....	\$13.00	15.00	19.00



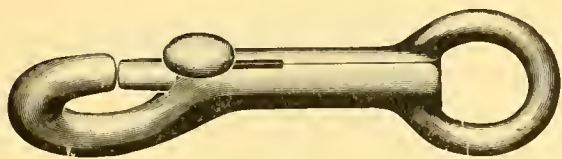
	Dozen pairs.
No. 253—Spread Straps. ⅝ inch. To Buckle. Three Duranoid Rings, Red, White and Blue.....	\$8.00

## Harness Leather



	Per lb.
Harness Leather Sides. Oak Tanned Packer Hides. No. 1 Grade. Weights from 18 to 25 lbs.....	.....
" " " " " " " " No. 2 " " " 14 to 18 " .....	.....
" " " " " " " " No. 2 " Uniform Weights .....	.....

## Harness Snaps



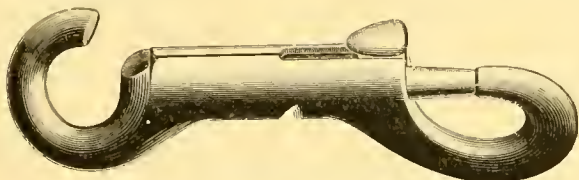
No. 14. Bolt Snaps. Round Eye.  
X C Plate.

Inch .....	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per Gross .....	\$4.80	5.00	5.20
Gross in Box.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$



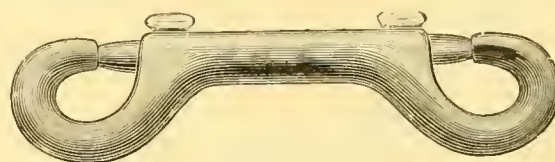
No. 15. Bolt Snaps. Loop Eye.  
X C Plate.

Inches .....	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	2
Per Gross....	\$4.38	4.38	4.38	6.00	7.10	8.00	9.80
Gross in Box...	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$



Bolt Snaps. Open Eye.  
X C Plate.

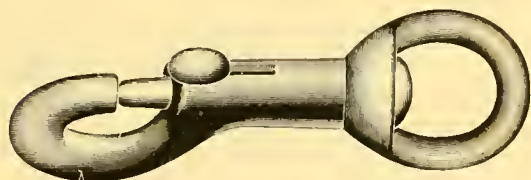
No. 251— $\frac{3}{4}$ -inch. Light Bit Snap.....	Per gross. \$5.20
No. 252— $\frac{3}{8}$ " Medium Chain Snap.....	6.20
No. 253— $1\frac{1}{2}$ " Heavy Trace Snap.....	9.40



Double Bolt Snaps.  
X C Plate.

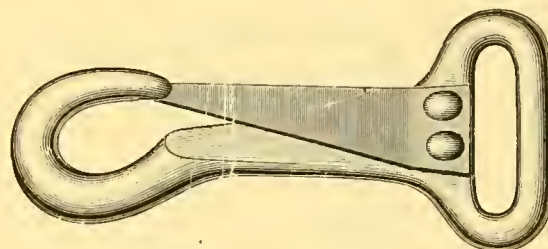
No. 261—Light Pattern .....	Per gross. \$ 9.00
No. 262—Medium Pattern .....	10.80
No. 263—Heavy Pattern .....	13.50

*Half Gross in a Box.*



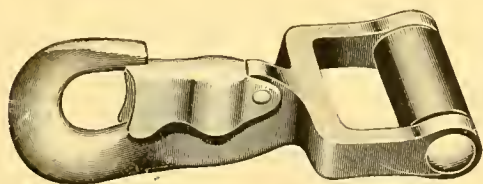
No. 16. Bolt Snaps. Swivel Eye.  
X C Plate.

Inch .....	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per Gross .....	\$7.90	9.00	11.00	17.20
Gross in Box.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$



No. 210. German Snaps.  
Bronzed.

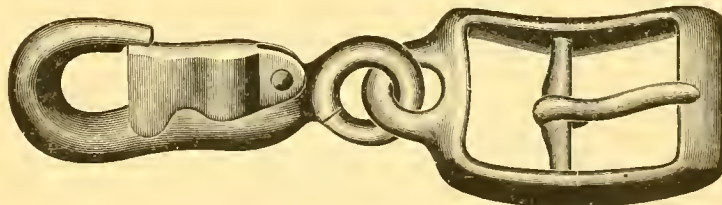
Inches .....	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per Gross....	\$2.40	2.40	2.40	2.40	2.70	4.20	5.50
Gross in Box...	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$



No. 85. Breast Strap Roller Snaps.  
X C Plate.

Inches .....	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per Dozen .....	\$1.84	2.00	2.16	2.32

*One Dozen in a Box.*



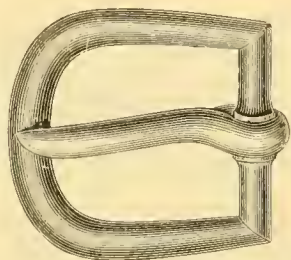
No. 94. Breast Strap Buckle Snaps.  
X C Plate.

Inches .....	$1\frac{1}{2}$	$1\frac{3}{4}$
Dozen Pairs .....	\$2.25	2.75

*Half Dozen Pairs in a Box.*

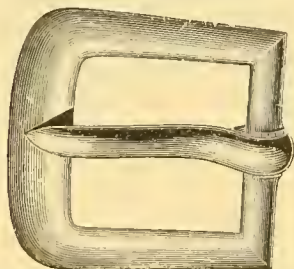


## Harness Buckles



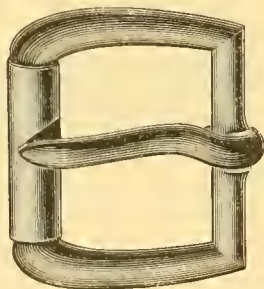
No. 2. Horseshoe Harness Buckles.  
Japanned.

Inches .....	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per Gross....	\$1.20	1.45	1.90	2.45	3.30	4.00	6.00
Gross in Box...	2	1	1	1	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$



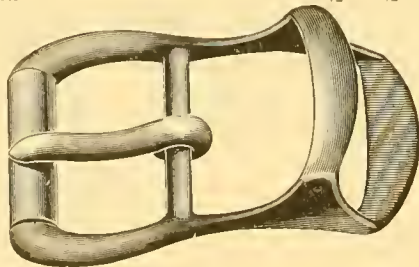
No. 20. Plain "Sensible" Harness Buckles.  
Japanned.

Inches .....	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per Gross.....	\$1.90	2.50	3.10	3.90	4.70	6.30
Gross in Box.....	1	1	1	1	1	$\frac{1}{2}$



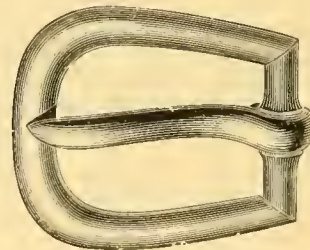
No. 50X. Barrel Roller Harness Buckles.  
Japanned.

Inches .....	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per Gross....	\$1.40	1.65	2.00	2.30	3.20	3.80	4.80	5.80
Gross in Box....	2	1	1	1	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$



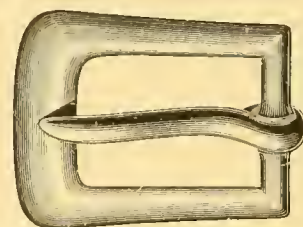
No. 93. Warner Union Loop Buckles.  
Japanned.

Inches .....	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Per Gross.....	\$5.10	5.80	6.70	8.00	10.10	13.80
Gross in Box.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{6}$



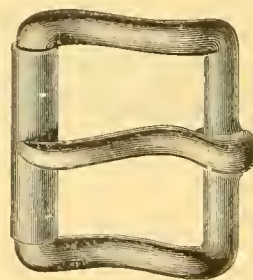
No. 4. Horseshoe Trace Buckles.  
Japanned.

Inches .....	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Per Dozen.....	\$0.30	.35	.40	.50	.65	.80
Dozen in Box.....	2	2	2	2	2	2



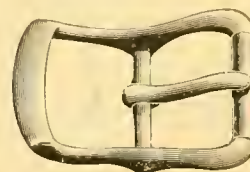
No. 22. Plain "Sensible" Trace Buckles.  
Japanned.

Inches .....	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per Dozen.....	\$0.45	.60	.70	.90	1.20
Dozen in Box.....	2	2	2	2	2



No. 74. Malleable Roller Harness Buckles.  
Japanned.

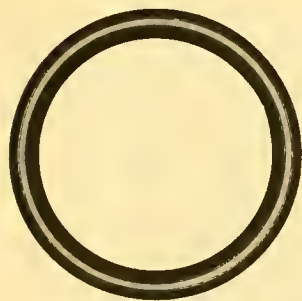
Inches ..	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per Gro.	\$1.00	1.25	1.65	2.00	2.50	2.75	3.25	4.00	5.20
Gross in Box	2	2	1	1	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$



No. 161. Loop Roller Harness Buckles.  
Japanned.

Inches .....	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per Gross....	\$1.70	2.50	3.25	3.70	4.60	5.50	7.20
Gross in Box....	1	1	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$

## Harness Hardware



### Japanned Harness Rings.

Inches .....	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4
Per Gross .....	\$0.54	.54	.58	.68	.86	.96	1.14
Gross in a Box.....	2	2	2	1	1	1	1

### Japanned Breeching Rings.

Inches .....	1 1/4	1 3/8	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3
No. 4 Gauge, per gross.....	\$1.25	....	1.45	1.55	1.70	....	....	....	....
No. 3 " " " .....	1.45	1.60	1.80	2.05	2.20	....	2.70	....	....
No. 2 " " " .....	1.80	2.00	2.15	2.40	2.70	3.05	3.40	....	....
No. 0 " " " .....	....	....	....	4.10	4.40	5.10	5.60	5.95	6.30
Gross in a Box.....	1	1/2	1/2	1/2	1/2	1/4	1/4	1/4	1/4

### Harness and Breeching Dees.

#### Medium Pattern.

Inches .....	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
Per Gross .....	\$0.68	.78	1.00	1.30	1.44	1.54	2.64	3.26	4.20
Gross in a Box.....	2	2	1	1	1	1	1/2	1/2	1/2

#### Heavy Pattern.

Inches .....	1	1 1/4	1 1/2	1 3/4	2
Per Gross .....	\$1.54	2.40	3.36	4.56	6.04
Gross in a Box.....	1/2	1/2	1/2	1/4	1/4



### Breast Strap Slides.

#### Malleable Iron. Standard Weight. Japanned.

Size .....	1 1/4	1 1/2	1 3/4
Weight per gross, lbs.....	35	40	45
Per Gross .....	\$6.25	6.25	7.25

*One-Twelfth Gross in a Box.*

### Heavy Team Trace Hooks.

#### With Screw and Roller.

Size, inches .....	1 1/2	1 3/4	2	2 1/4
Per Dozen .....	\$1.50	1.60	1.80	2.10

*One Dozen in a Box.*



### Martingale Rings.

#### Duranoid. Red, White and Blue.

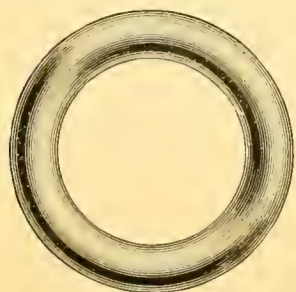
Nos. ....	0	1	2	3	4	5
Size, inches .....	1 1/4	1 1/2	1 5/8	1 3/4	1 7/8	2
Per Gross .....	\$9.00	10.00	11.00	12.00	15.00	18.00

*Three Dozen in a Box.*

#### Wood. Red, White and Blue.

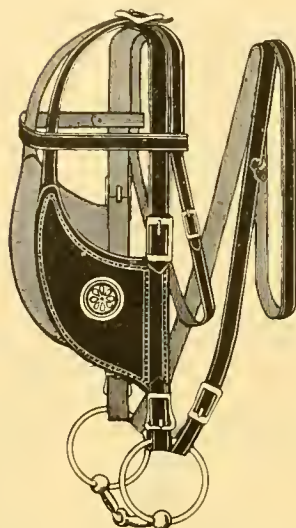
Nos. ....	2	3	4
Size, inches .....	1 3/4	2	2 1/4
Per Gross .....	....	....	....

*One Dozen in a Box.*



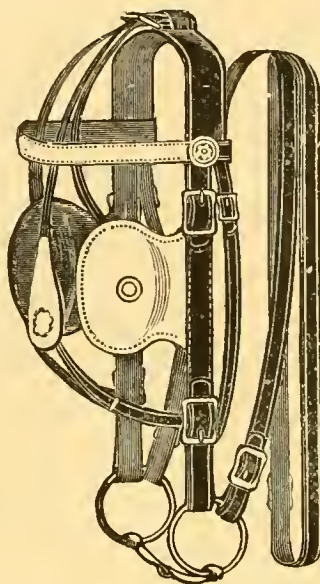


## Team Bridles



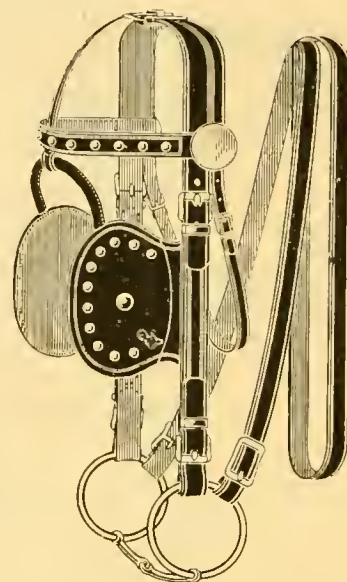
All Black Leather, Pigeon-Wing Blinds, Flat Winker Stays, Japanned Buckles, X C Bit.

	Per dozen.
No. 1— $\frac{3}{4}$ -inch Leather...	\$12.00
No. 2— $\frac{7}{8}$ " " " "	14.00
No. 3—1 " " " "	16.00
No. 4—1 $\frac{1}{4}$ " " " "	19.50



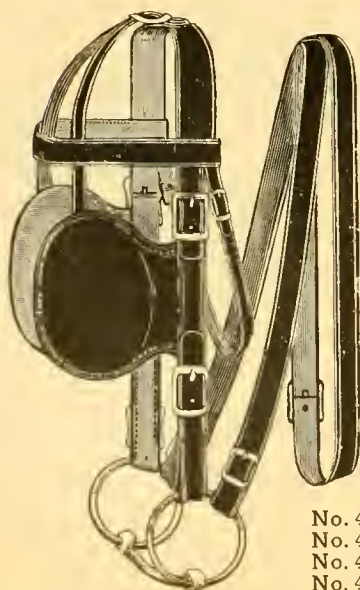
Black Leather, Red Patent Leather Front, Face Piece, and Round Cupped Blinds, Round Winker Stays, Japanned Buckles, X C Bit.

	Per dozen.
No. 21— $\frac{7}{8}$ -inch Leather...	\$23.00
No. 22—1 " " " "	25.00
No. 23—1 $\frac{1}{8}$ " " " "	27.00
No. 24—1 $\frac{1}{4}$ " " " "	29.00



Black Leather, Patent Leather Round Cupped Blinds and Front, Brass Spots and Rosettes, Round Winker Stays, Japanned Buckles, X C Bit.

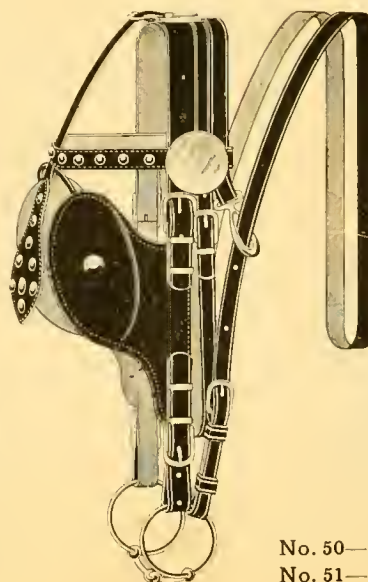
	Per dozen.
No. 31— $\frac{7}{8}$ -inch Leather...	\$19.00
No. 32—1 " " " "	21.00
No. 33—1 $\frac{1}{8}$ " " " "	23.00
No. 34—1 $\frac{1}{4}$ " " " "	25.00



No. 222.

Black Leather, Patent Leather Blinds and Fronts, Round Cupped Blinds, Flat Winker Stays, Japanned Buckles, X C Bits.

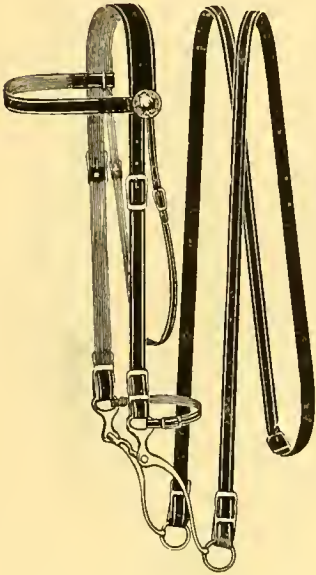
	Per dozen.
No. 42— $\frac{7}{8}$ -in. Leather	\$17.00
No. 43—1 " " "	19.00
No. 44—1 $\frac{1}{8}$ " " "	21.00
No. 45—1 $\frac{1}{4}$ " " "	24.00



Very Best Grade Black Harness Leather, Patent Leather Pigeon-Wing Blinds, Cupped with Metal Centers, Round Winker Stays, Patent Leather Drop Forepiece, Brass Spots, Solid Brass Trimmings, X C Bit. Made in one size only.

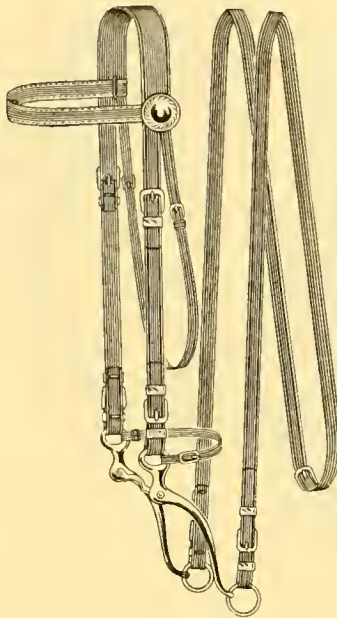
	Per dozen.
No. 50—1-inch Leather..	\$48.00
No. 51—With Nose Band	50.70

## Riding Bridles



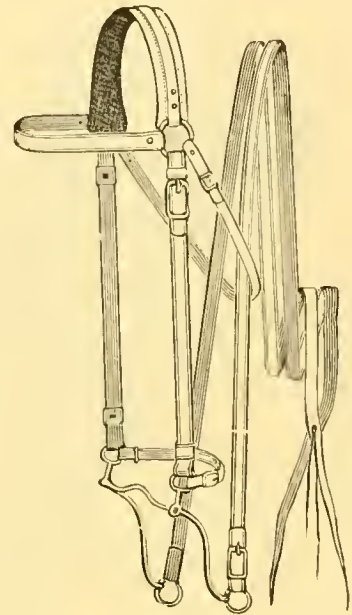
Black Leather, X C Port Bit.

	Per dozen.
No. 12— $\frac{3}{4}$ -inch Leather...	\$16.00
No. 13— $\frac{7}{8}$ " " ...	18.00
No. 14—1 " " ...	20.00
No. 15— $1\frac{1}{8}$ " " ...	22.00



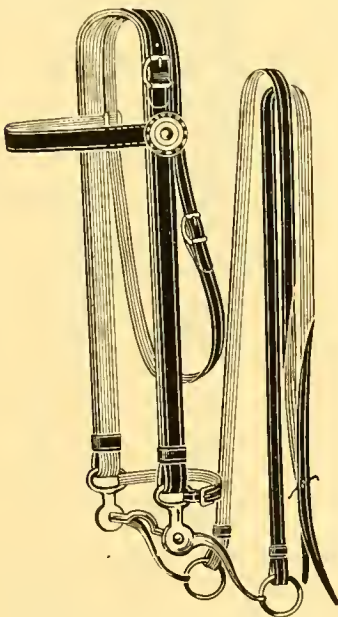
Black or Fair Leather, X C Port Bit.

	Per dozen.
No. 61— $\frac{3}{4}$ -inch Leather...	\$17.00
No. 62— $\frac{7}{8}$ " " ...	19.00
No. 63—1 " " ...	21.00
No. 64— $1\frac{1}{8}$ " " ...	23.00



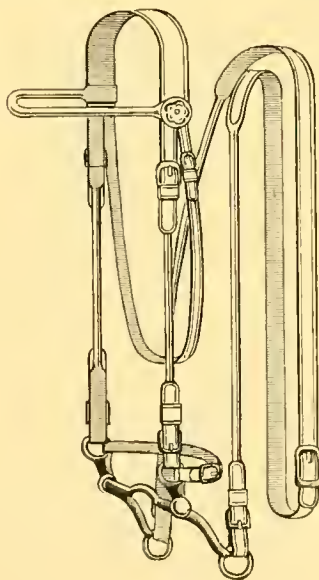
Whitman Bridle. Black or Fair Leather, X C Port Bit.

	Per dozen.
No. 70— $\frac{3}{4}$ -inch Leather...	\$23.00
No. 71— $\frac{7}{8}$ " " ...	25.00
No. 72—1 " " ...	27.00



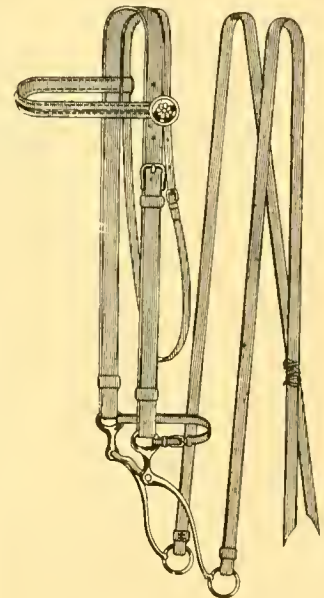
Texas Bridle. Black or Fair Leather, Double Head Stall, Felt Crown, X C Port Bit.

	Per dozen.
No. 76— $\frac{1}{2}$ -inch Leather...	\$16.00
No. 77— $\frac{3}{4}$ " " ...	18.00
No. 78— $\frac{7}{8}$ " " ...	20.00
No. 79—1 " " ...	22.00



Round Leather Bridle. Black or Fair, Flat Crown, X C Port Bit.

	Per dozen.
No. 90— $\frac{3}{4}$ -inch Leather...	\$23.00

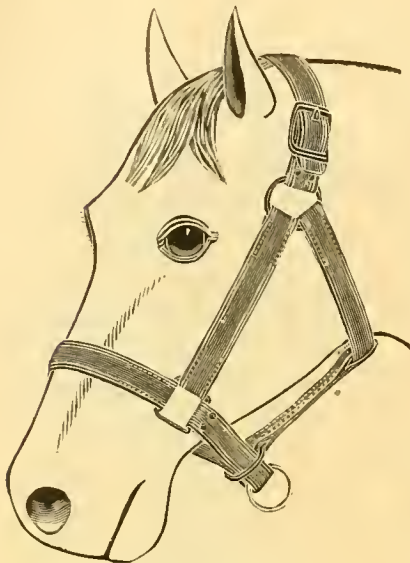


Hand-Made Texas Bridle. Black or Fair Leather, Double Head Stalls, X C Port Bit.

	Per dozen.
No. 95— $1\frac{1}{8}$ -inch Leather...	\$30.00

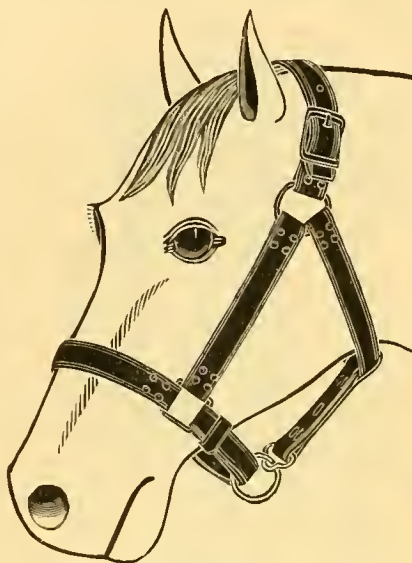


## Leather Halters



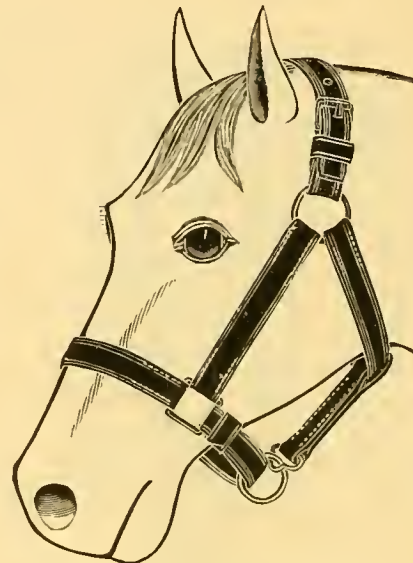
Sewed Six-Ring Halters.  
Black Leather.

	Per dozen.
No. 470—1 -inch .....	\$4.70
No. 480—1¼ " .....	5.95
No. 490—1½ " .....	7.00



Riveted Five-Ring Halters.  
Black Leather.

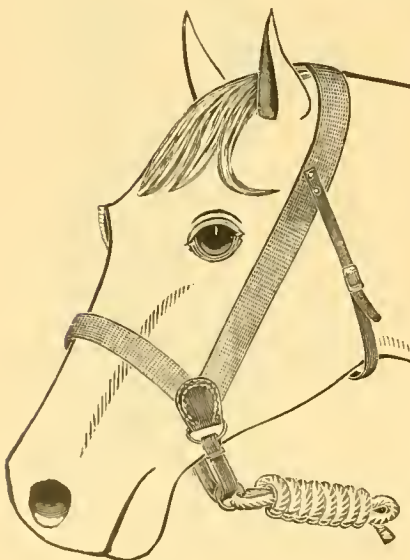
	Per dozen.
No. 489—1 -inch .....	\$4.70
No. 499—1¼ " .....	5.95



Hand-Sewed Five-Ring  
Halters.  
Black Leather.

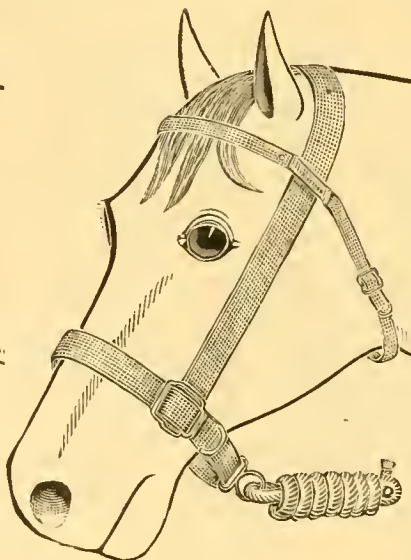
	Per dozen.
No. 600—1¼-inch .....	\$6.45

## Web and Rope Halters



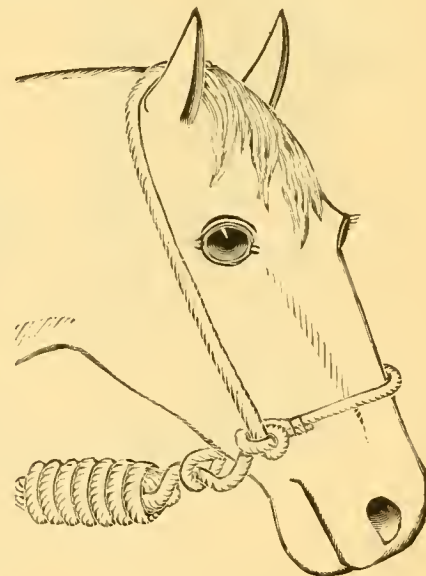
Sewed Web Halters.  
Assorted Colors.

	Per dozen.
No. 431—Web Trimmed ....	\$1.30
No. 432—Leather Trimmed..	1.45



Champion Adjustable Halters.  
Assorted Colors.

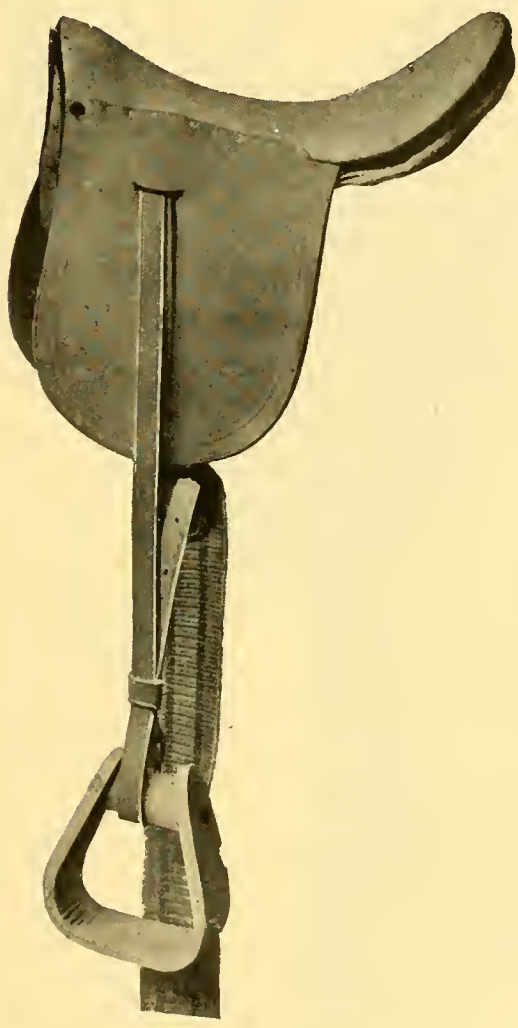
	Per dozen.
No. 255—All 13-Cord Web..	\$1.70



Adjustable Rope Halters.  
Metal Spliced Loops.

	Per dozen.
No. 787—1½-inch Sisal .....	\$0.65
No. 793—5/8 " " .....	.85

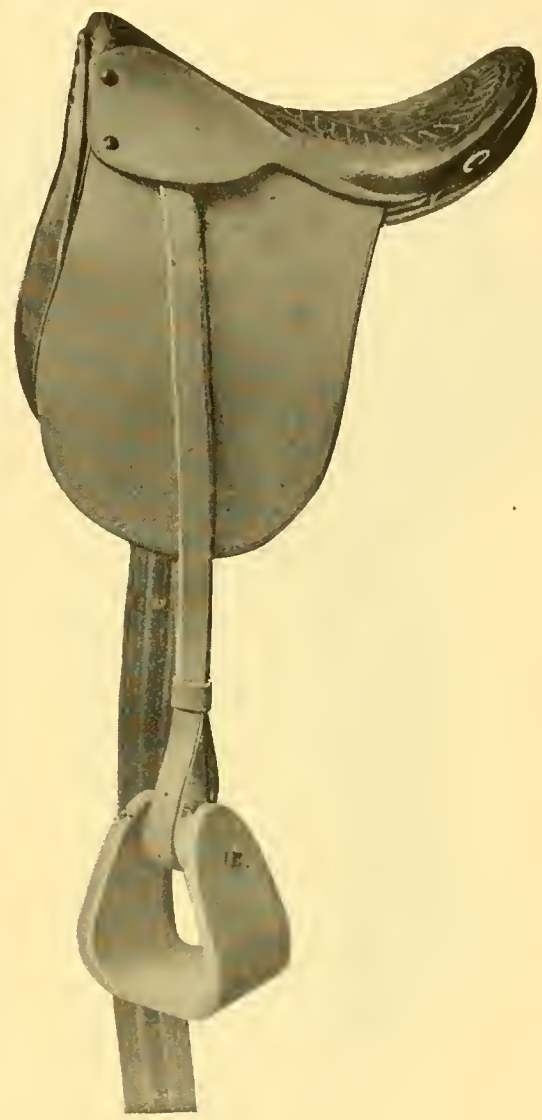
# Riding Saddles



No. 90. Somerset.

Tree.....15½ x 11½ inches  
 Skirts.....9 x 16 inches  
 Stirrup Leathers.....7/8 inch  
 Stirrups.....3 inches  
 Girth.....Fancy cotton  
 Pad.....Hair stuffed  
 Leather.....Fair

Each, \$4.50.



No. 92. Somerset.

Tree.....15½ x 11½ inches  
 Skirts.....10½ x 19 inches  
 Stirrup Leathers.....1 inch  
 Stirrups.....4 inches  
 Girth.....Fancy cotton  
 Pad.....Hair stuffed  
 Leather...Fancy, with black enamel leather seat, quilted  
 Seamed Jockeys.

Each, \$8.00.

## Riding Saddles



No. 55. Kilgore.

Tree.....	16½ inches
Skirts.....	10½ x 18 inches
Stirrup Leathers.....	1 inch
Stirrups.....	4 inches
Girth.....	Fancy cotton
Seat.....	Calf, padded and quilted
Pad.....	Sheeting lined
Leather.....	Fair

Each, \$9.00.



No. 58. Kentucky Kilgore.

Tree.....	17 inches
Skirts.....	11¾ x 20 inches
Stirrup Leathers.....	1½ inches
Stirrups.....	4 inches
Girth.....	11-cord
Seat.....	Plain, seamed jockeys, leather housing
Pad.....	Osnaburg lined
Leather.....	Fair

Each, \$10.50.



## Riding Saddles



Sheepskin and Osnaburg Pads.

All Fair Leather.

### No. 120. Imitation Spring Seat.

Tree.....16 inches, Somerset  
 Skirts.....11 x 20 $\frac{1}{2}$  inches  
 Stirrup Leathers.....1 inch  
 Stirrups.....4 inches  
 Girth .....10-cord  
 Seat..Calf, star stitched, hand raised  
 Each, \$11.50.

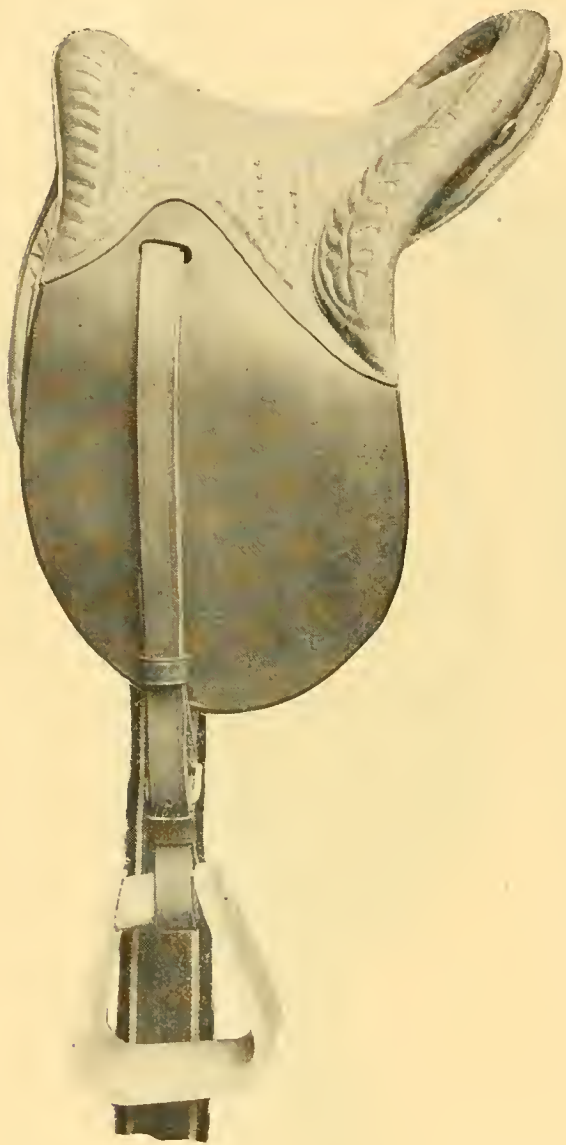
### No. 127. Ky. Spring Seat.

Tree...16 inches, Ken'ky Somerset  
 Skirts.....11 $\frac{1}{2}$  x 20 $\frac{1}{2}$  inches  
 Fenders.....8 $\frac{3}{4}$  x 13 $\frac{1}{4}$  inches  
 Stirrup Leathers.....1 $\frac{1}{4}$  inches  
 Stirrups.....4 inches  
 Girth .....10-cord  
 Seat.....Calf, roll cantle  
 Each, \$15.50.

### No. 121. Ky. Spring Seat.

Tree.....16 x 13 inches, Somerset  
 Skirts.....12 $\frac{3}{4}$  x 23 inches  
 Stirrup Leathers.....1 $\frac{1}{8}$  inches  
 Stirrups.....4 inches  
 Girth .....11-cord  
 Seat..Calf, star stitched, hand raised  
 Each, \$15.00.

## Riding Saddles



No. 122. Kentucky Spring Seat.

Tree.....	16 x 13 inches, Kentucky Somerset
Skirts.....	12 $\frac{3}{4}$ x 23 inches
Stirrup Leathers.....	1 $\frac{1}{4}$ inches
Stirrups .....	4 inches
Girth .....	13-cord
Seat.....	Calf, star stitched, hand raised, roll cantle
Pad.....	Sheepskin and Osnaburg
Leather .....	Fair

Each, \$16.50.



No. 128. Kentucky Spring Seat.

Tree.....	16 x 13 inches, Kentucky Somerset
Skirts.....	12 $\frac{1}{2}$ x 23 inches
Stirrup Leathers.....	1 $\frac{1}{8}$ inches
Stirrups .....	4 inches
Girth .....	11-cord
Seat.....	Calf, star stitched, hand raised
Pad.....	Sheepskin, Osnaburg lined
Leather .....	Fair

Each, \$15.00.

## Riding Saddles



No. 175. McClellan.

Tree..16½ inches, full leather covered, with brass shields, and coat straps.

Skirts.....Square, round corners  
Fenders.....8½ x 14½ inches  
Stirrup Leathers.....1¼ inches  
Stirrups.....4 inches  
Girth.....Gray hair, Texas  
Leather.....Black or fair

Each, \$16.00.



No. 176. McClellan.

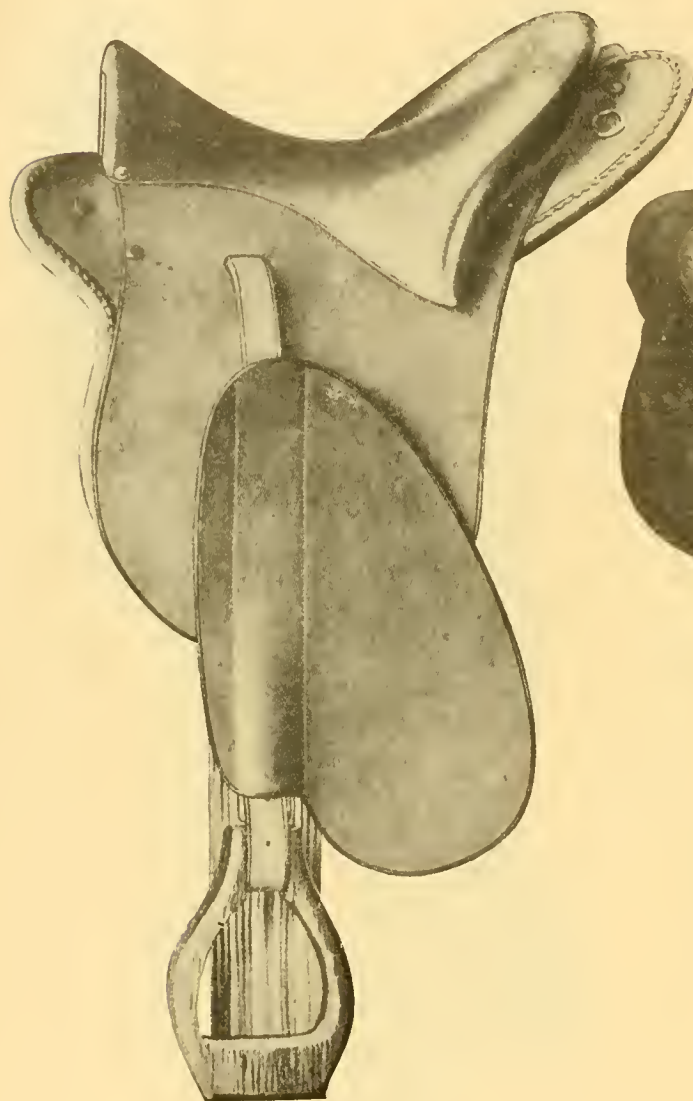
Tree..17 inches, rawhide covered, with brass shields, and coat straps.

Skirts.....Square, round corners  
Fenders.....8¾ x 15½ inches  
Stirrup Leathers.....1¼ inches  
Stirrups.....4 inches, leather covered  
Girth.....Gray hair, Texas ring  
Leather.....Black or fair

Each, \$16.00.



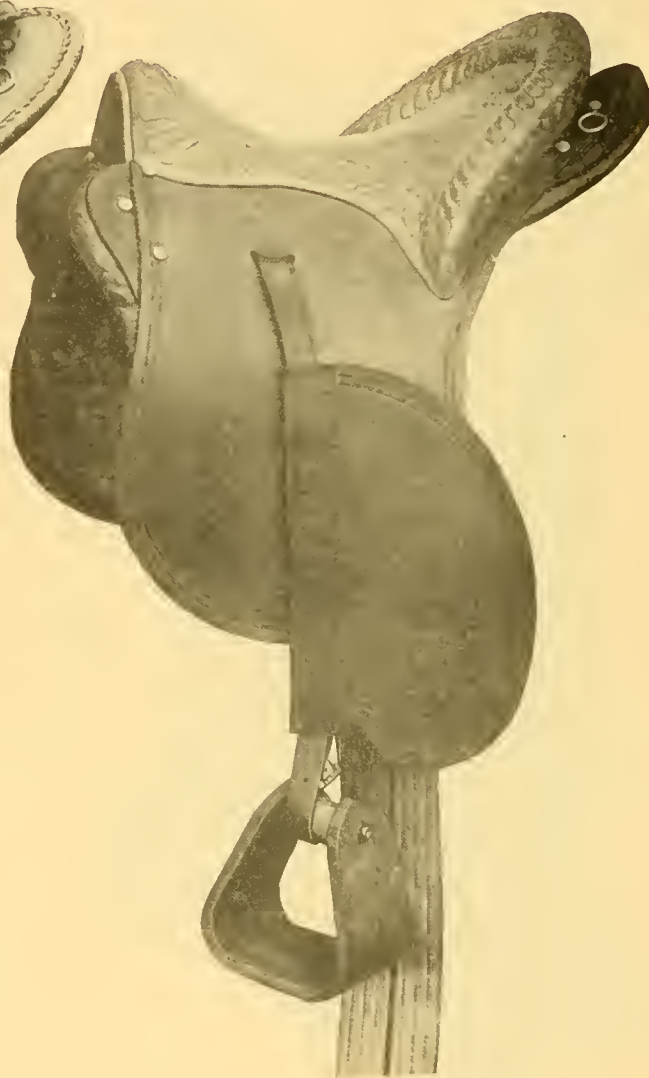
## Riding Saddles



No. 142. Buena Vista.

Tree.....	18 inches
Skirt.....	23 inches
Seat.....	Plain kip
Fenders.....	17 x 9½ inches, patent loop
Stirrup Leathers.....	1¼ inches
Tie Strap and Rigging.....	1¼ inches
Girth.....	20 strand white cotton
Stirrups.....	5-inch, sawed Texas
Pads.....	Full sheep, linsey lined

Each, \$30.00



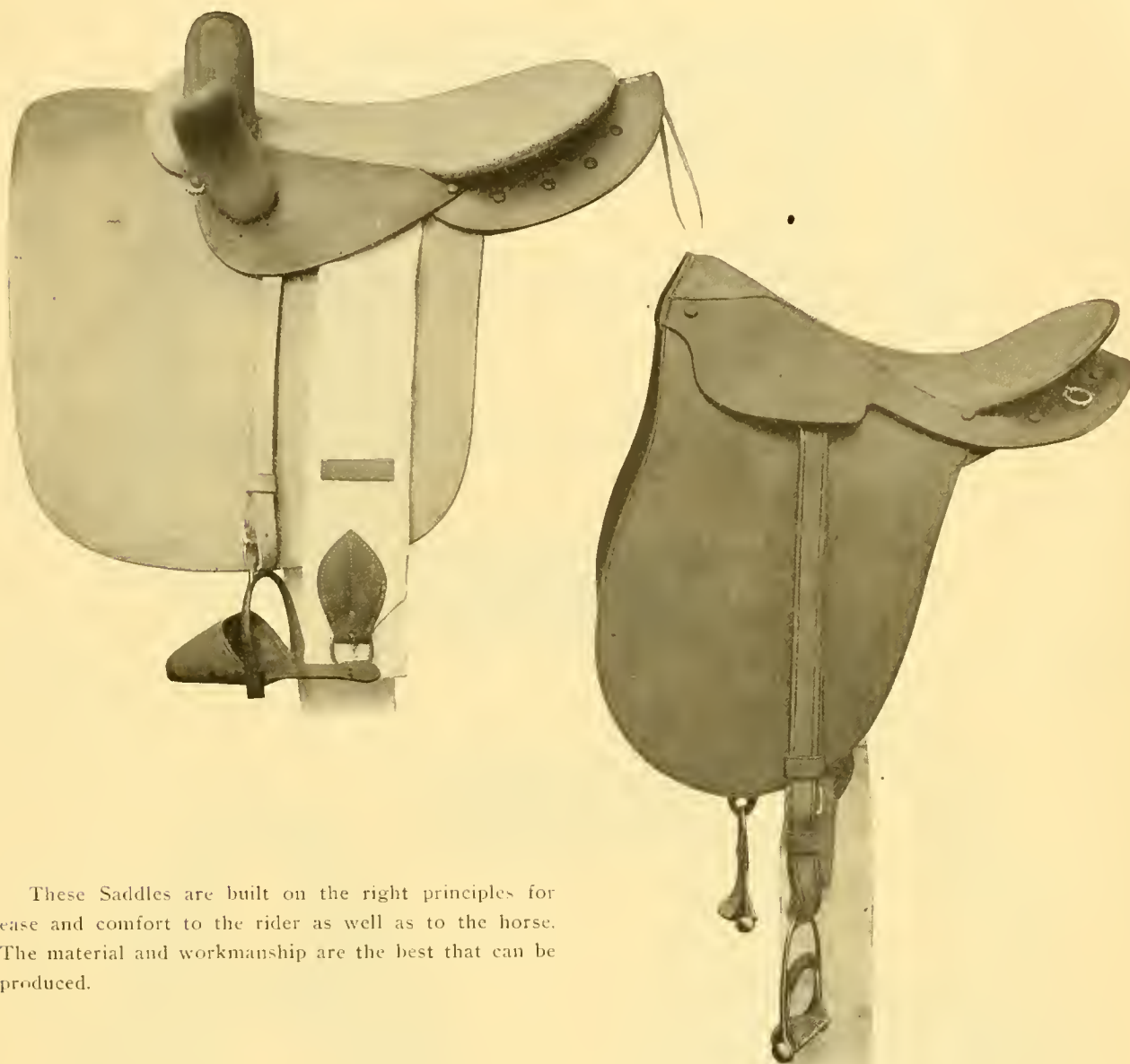
No. 145. Buena Vista.

Tree.....	18 inches
Skirt.....	25 inches
Seat.....	Calfskin, machine quilted, hand raised
Fenders.....	18 x 10½ inches, patent loop
Stirrup Leathers.....	1¼ inches
Girth Straps.....	1¼ inches
Girth.....	Long buckle
Stirrups.....	5-inch, solid bent Texas
Pads.....	Full sheep, linsey lined

Each, \$35.00.



## Ladies' Riding Saddles



These Saddles are built on the right principles for ease and comfort to the rider as well as to the horse. The material and workmanship are the best that can be produced.

No. 223. Parkside Saddle.

Tree.....	18 inches, Park
Skirts.....	19 x 22 inches
Pad.....	Sheepskin, linsey lined
Girth.....	4 inches, white
Surcingle.....	4 inches, white
Stirrup .....	Slipper
Seat .....	Pigskin

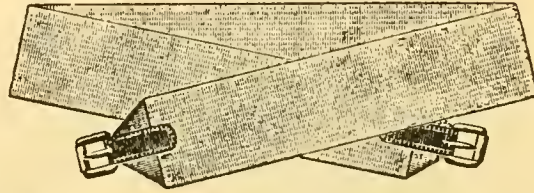
Each, \$30.00.

No. 3W. Ladies' Astride Saddle.

Tree.....	17-inch, leather lined
Skirts.....	12½ x 22½ inches
Stirrup Leathers.....	1½ inches
Stirrups.....	Small safety
Girth.....	Plain white English web, buckle and tie
Seat.....	Genuine pigskin
Leather .....	Fair

Each, \$29.00.

## Saddle Parts



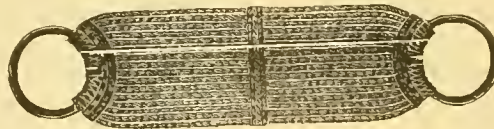
Plain Cotton Saddle Girths. With Buckles. 3 inches wide, 36 inches long..... Per dozen. \$1.50



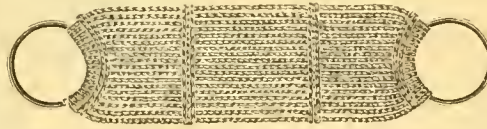
Corded Cotton Saddle Girths. With Rings. 30 and 36 inches long..... Per dozen. \$2.40



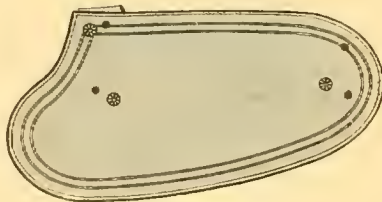
Corded Cotton Saddle Girths. With Buckles. 30 and 36 inches long..... Per dozen. \$2.40



Texas Corded Cotton Saddle Girths.	20 Strand.	Plain ..	Per dozen.	\$5.00
" " " " "	20 "	1 Tongue..		5.50
" " " " "	20 "	2 Tongues...		6.00

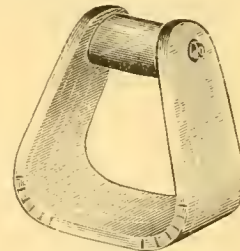


California Saddle Girths.	Soft Gray Hair.	2 Bars.	18 Strands	Per dozen.	\$ 8.60
" " " "	Hard " "	2 " "	18 " 4 Cord		15.50



Saddle Fenders.

Size, 8½ x 13	inches.	Black or Fair	Per pair.	\$1.80
" 8½ x 15¼	"	" " "		2.00
" 8¾ x 16	"	" " "		2.30



Saddle Stirrups.

4 inches.	Sawed Elm	Dozen pairs.	\$2.50
5 "	" "		3.00
6 "	" "		4.00



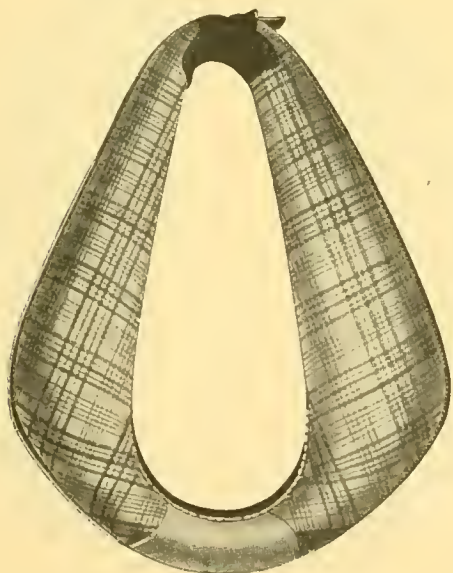
Stirrup Straps. To Buckle. Fair or Black Leather 1 inch wide..... Dozen pairs. \$12.00

## Horse Collars



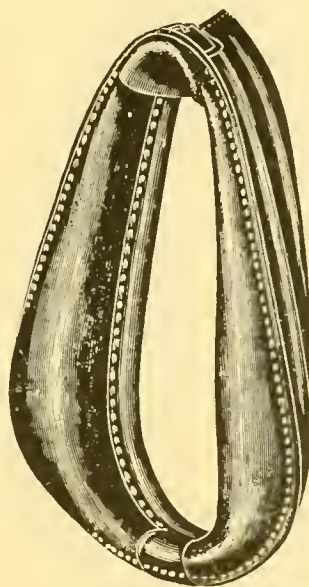
No. 104—Buggy Collar. Full Hip, Pieced Shoulder, Open Top. About 10½-inch draft \$25.00

Per dozen.



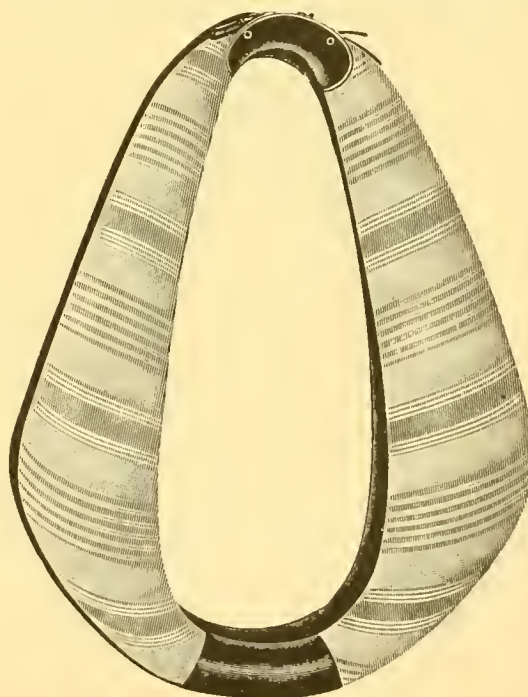
No. 11—Team Collar. Split Leather Back and Rim, Baker Print Face, all Thread-Sewed. About 14½-inch draft..... \$14.00

Per dozen.



No. 9—Team Collar. Black Split Leather Back and Rim, Fair Collar Leather Face, Pop Stitched. About 13½-inch draft..... \$29.00

Per dozen.

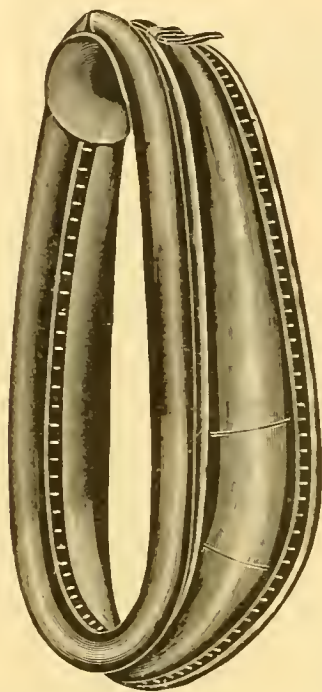


No. 14—Team Collar. Split Leather Back and Rim, Tick Face, all Thread-Sewed. About 14½-inch draft..... \$14.00

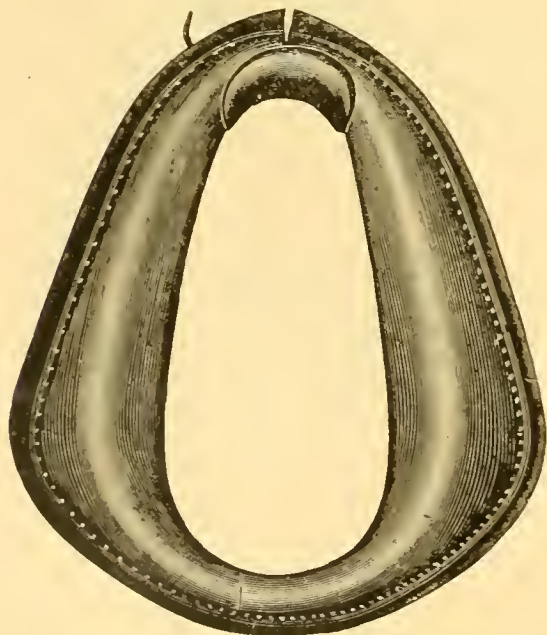
Per dozen.



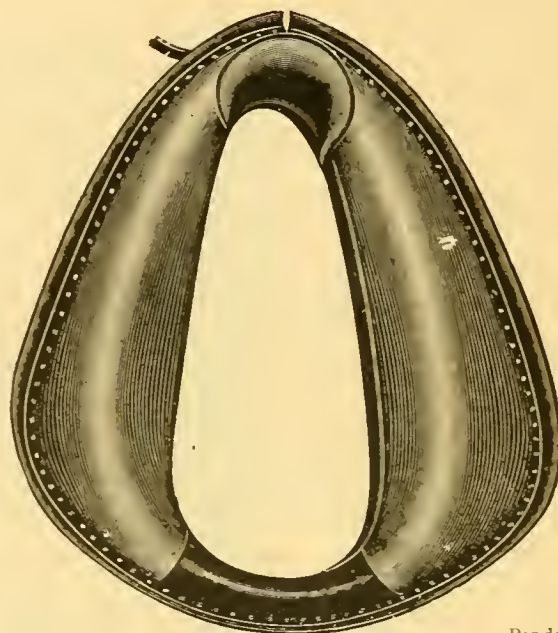
## Horse Collars



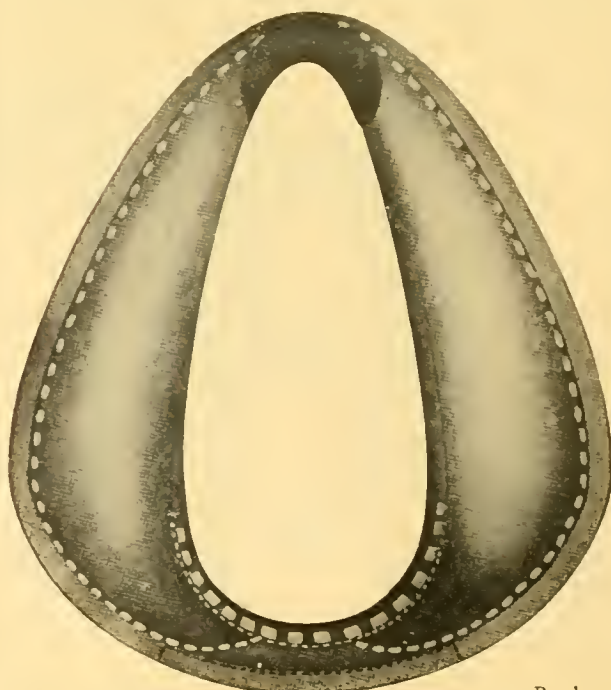
No. 3—Team Collar. Full Metal Stitched. Black Collar Leather Back and Rim. Fair Leather. Wool Face. About 14-inch draft Per dozen. \$36.00



No. 40—Team Collar. Pop Stitched, Black Collar Leather Back and Rim. Fair Leather Wool Face, Sole Leather Pads. About 14½-inch draft. Per dozen. \$42.00

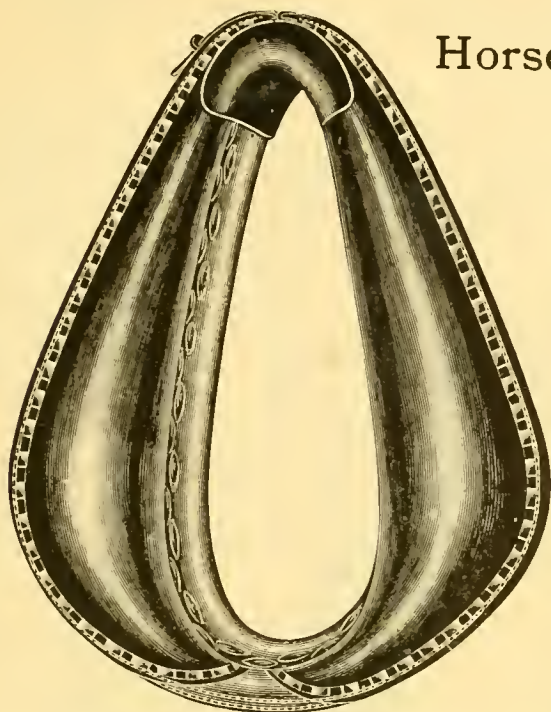


No. 60—Team Collar. Pop Stitched, Wool Face. Black Collar Leather Back and Rim. Fair Leather Face, Sole Leather Pad. About 15½-inch draft. Per dozen. \$48.00  
For service in heavy farm or team work.



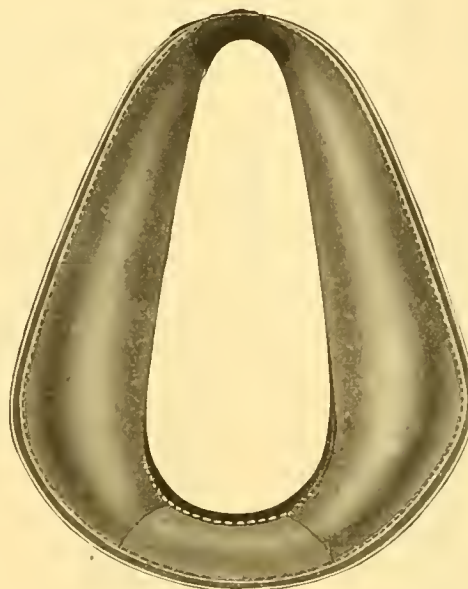
No. 222—Team Collar. Wool Faced, Pop Stitched. Flexible Throat, all Fair Collar Leather. Patent Fastener, Sole Leather Pad. About 16-inch draft. Per dozen. \$50.00  
A good heavy Collar for any purpose.

## Horse Collars



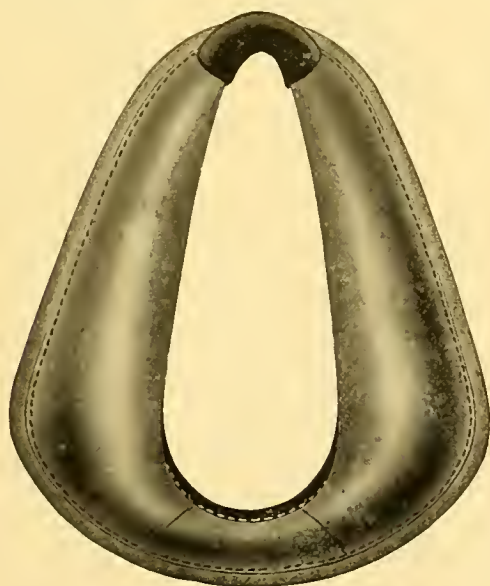
No. 75—Extra Heavy Scotch Collar. Solid Back, Patent Flexible Throat with Extra Throat Piece. Best Selected Heavy Russet Kip Stock. Extended Face forming Solid Welt, Thong Leather Sewed Edges, Double Thong Sewed Rim, Wool Face, one Buckle with Thong Sewed Billet, Heavy Pressed Pad, Hand Finished.. \$60.00  
Will adjust itself to any shape neck, needs no Pad.

Per dozen.



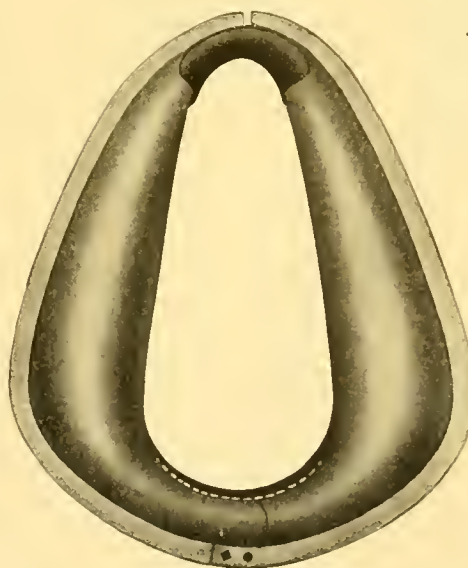
No. 126—Medium Weight Team Collar. Full Kip, Fair Face, Black Back and Rim, Full Thong Sewed, Pieced Back, Whole Rim, Peak Top, one Buckle, Pressed Sole Leather Pad, 16-inch draft..... \$48.00

Per dozen.



No. 127—Heavy Team Collar. Fair Face, Black Back and Rim, Full Thong Sewed, Pieced Back, Whole Rim, Peak Top, one Buckle, Sole Leather Pad, Riveted on; 16-inch draft..... \$46.00

Per dozen.



Boston Dray. Heavy Pattern, Black Kip Back and Rim, Black Kangaroo Face, Full Thong Sewed, Concord Seam, Whole Back and Rim Lined with Duck, Pocket filled with Curled Hair, Peak Top, one Buckle ..... \$50.00

Per dozen.



## Hames

"Damascus" Finish, the new substitute for varnish or oil, is used on all these Hames. Has all the good points of both varnish and oil and eliminates the objectionable features. It covers all steel parts and retains luster. It fills the grain of the timber and retains the gloss. It collects neither dust nor dirt, as the oil finish. It does not mar in transit like varnish. It is a hard, durable, and lustrous finish.



No. 2. Hook.



No. 25. Lace.



No. 100.  
Farmers' Strap.



No. 120.  
City Dray.



No. 6. Concord.  
Hook on Back.

Dozen pairs.

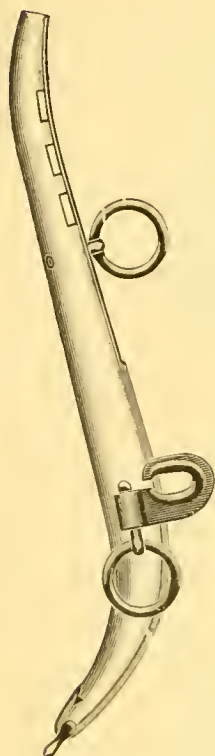
No. 2—Hook Hame. Two-Loop Plow Hame. Steel over Top. Varnished Backs and Trimmings, Damascus Finish, Wrought Steel Trimmed. Regular Horse and Mule Sizes. Weights, about 40 to 45 pounds per dozen pairs.....	\$ 7.95
No. 25—Lace Hame. Two-Loop Plow Hame. Steel over Top. Varnished Backs and Trimmings. Damascus Finish. Wrought Steel Trimmed. Regular Horse and Mule Sizes. Weights, about 45 to 50 pounds per dozen pairs.....	7.95
No. 100—Farmers' Strap Hame. Loose Bottom Snap. Painted Red, Bronze Top, Japanned Trimmings. Double Weight Hooks, Steel Trimmed. Sizes, 17 to 24 inches. Weights, about 42 to 60 pounds per dozen pairs.....	11.25
No. 120—City Dray Hame. Stiff Bottom Loop. Painted Red, Bronze Top, Japanned Trimmings. Double Weight Hooks, Wrought Steel Trimmed. Sizes, 17 to 23 inches. Weights, about 63 to 100 pounds per dozen pairs.....	19.05
No. 6—Concord Hook Hame. Drop Forged Steel Hook on Back, Swivel and Ring. Polished Back, Damascus Finish. Sizes, 18 to 22 inches. Weight, about 50 to 60 pounds per dozen pairs.....	19.80
No. 10—Concord Hook Hame. Same as No. 6, except Heavier .....	25.80

*Half Dozen Pairs in a Bundle.*



## Hames

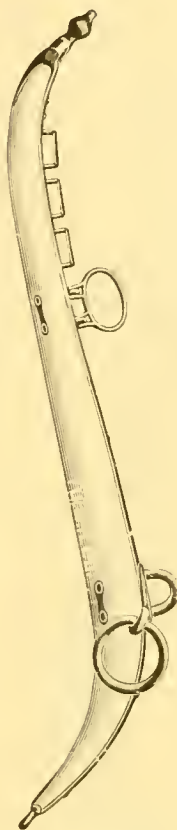
In the Lone Star attachment there are no screws or bolts to remove, no tools required to change the adjustment and no pins to rust or corrode. The construction is most simple.



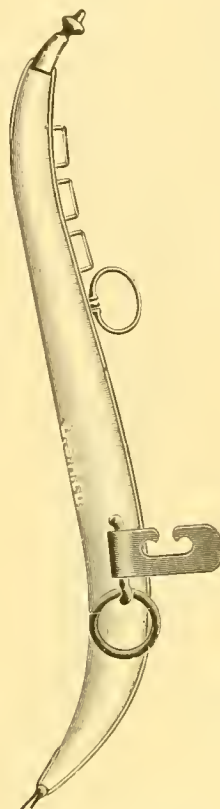
No. 61. Concord.  
Hook on Side.



No. 61LS.  
Lone Star.



No. 166St.  
Northern Standard.



No. 166So.  
Southern Standard.



No. 166LS.  
Lone Star.

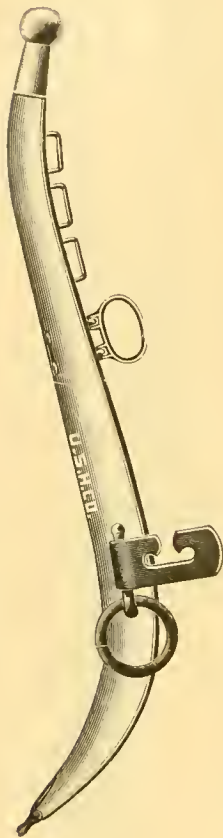
Dozen pairs.

No. 61—Concord Hook Hame. $\frac{3}{4}$ x $\frac{1}{4}$ -inch Steel Back. Damascus Finish, Japanned Trimmings. Drop Forged Steel Concord Hook, $1\frac{1}{8}$ -inch Mortised Top Loops. One size only, to fit 16 to 20-inch Collars. Weight, 75 pounds per dozen pairs.....	\$18.00
No. 61SL—Same as No. 61, except with Lone Star Attachment and Grooved Wood. Weight, 80 pounds per dozen pairs.....	20.10
No. 166St.—Regular Clip Acorn Top Hame. Painted Red, Japanned Back and Trimmings, X C Ball. $\frac{3}{4}$ -inch Oval Hame Back Steel, Clip, Holdback Plate, 2-inch Bolt. Sizes 18 to 24 inches. Weights, about 56 pounds per dozen pairs.....	14.25
No. 166So.—Southern Standard. $\frac{3}{4}$ -inch Oval Hame Back Steel, Stiff Bottom Loop, Wrought Steel Hooks and Staples, Malleable Oval Line Rings, Painted Red, Japanned Trimmings, X C Ball. Sizes 18 to 24 inches. Weight, about 50 pounds per dozen pairs.....	13.05
No. 166LS—Same as No. 166So., except with Lone Star Attachment and Grooved Wood. Weight, 65 pounds per dozen pairs.....	17.10

*Half Dozen Pairs in a Bundle.*

## Hames

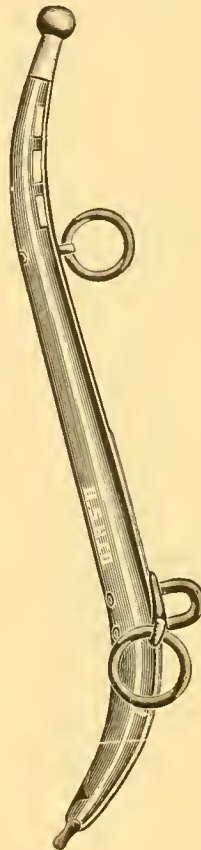
We carry an extensive stock of Hames at all times, and in consequence are able to fill orders immediately on receipt.



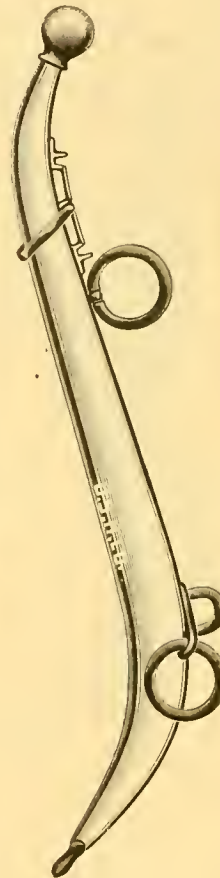
No. 15.



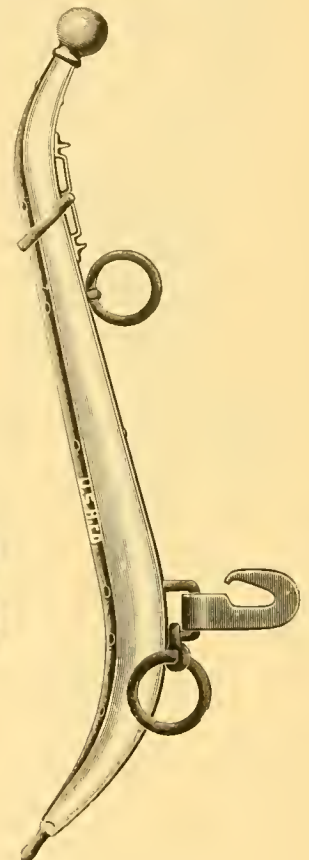
No. 15LS.



No. 21



No. 90C.

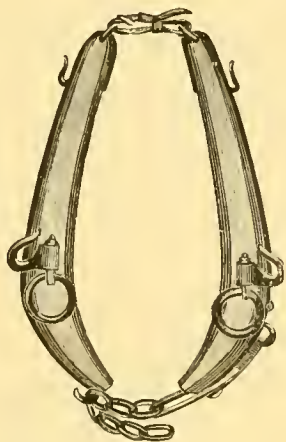


No. 90H.

Dozen pairs.

- No. 15—Globe Ball Top Hook Hame.** Painted Red, Japanned Trimmings, X C Ball.  $\frac{3}{4}$ -inch Oval Hame Steel, Double Wrought Steel Hooks, Rings and Staples. Hook on side. Weight, about 60 pounds per dozen pairs..... \$15.20
- No. 15LS—**Same as No. 15, except with Lone Star Attachment ..... 21.00
- No. 21—Concord Ball Top Clip Hame.** Painted Red with White Stripe, X C Ball,  $1\frac{1}{4}$ -inch Mortise Top Loops,  $\frac{7}{8} \times \frac{1}{4}$ -inch Hame Steel, Loose Bottom Loops,  $2\frac{1}{4}$ -inch Bolt, Swivel, Link and Ring. Sizes 19 to 22 inches. Weight, about 80 pounds per dozen pairs ..... 26.25
- No. 90C—Clip Ball Top Hame.** Holdback Plate. Painted Red, Japanned Trimmings, X C Ball. Heavy  $\frac{3}{4}$ -inch Oval Concave, Convex Steel, 2-inch Staples. Sizes 19 to 24 inches. Weights, about 68 to 76 pounds to the dozen pairs..... 24.45
- No. 90H—Hook Ball Top Hame.** Weights, about 70 to 78 pounds per dozen pairs. Otherwise same as No. 90C..... 25.95

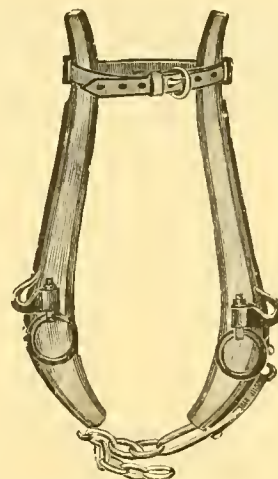
## Mine and Lumber Hames



Beagle Mine Hames.

Low Top.

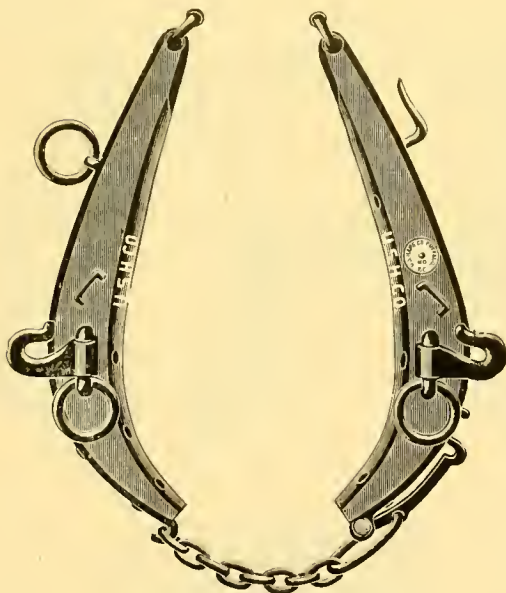
No. 1—Heavy Varnish, Black Finish. Furnished with Lantern Hooks; 14 to 22 inches. Dozen pairs.  
Weights, 85 to 100 pounds per dozen pairs \$32.00



Beagle Mine and Lumber Hame.

High Top.

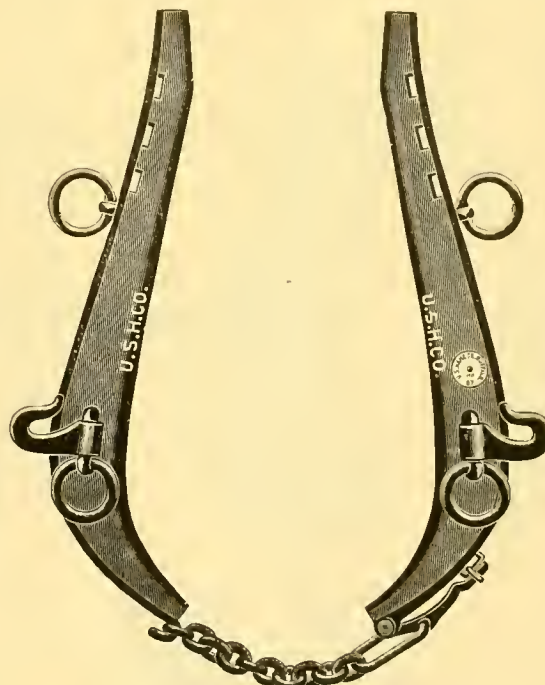
No. 2—Pennsylvania Fastener, Heavy Varnish, Black Finish; three sizes, 14 to 18, 17 to 21, 20 to 24 inches. Dozen pairs.  
Weights, 90 to 100 pounds per dozen pairs \$32.00



Pennsylvania Pattern Miners' Hames.

Dozen pairs.

No. 66—Heavy Varnish, Black Finish. With Line Ring, Lantern Hook and Hip Strap Loops. 14 to 22 inches. Weights, 95 to 120 pounds per dozen pairs \$32.00



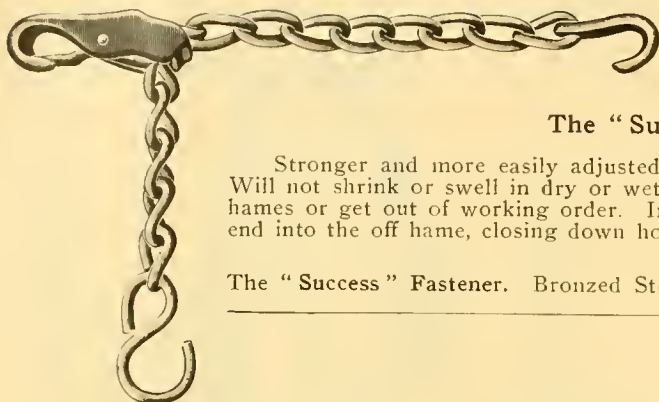
Pennsylvania Pattern Mine and Lumber Hame.

Dozen pairs.

No. 67—High Top. Improved Pennsylvania Fasteners. Heavy Varnish, Black Finish. Sizes adjustable, 14 to 18, 17 to 21, 20 to 24 inches. Weights, 95 to 120 pounds per dozen pairs \$32.00



## Hame Fasteners



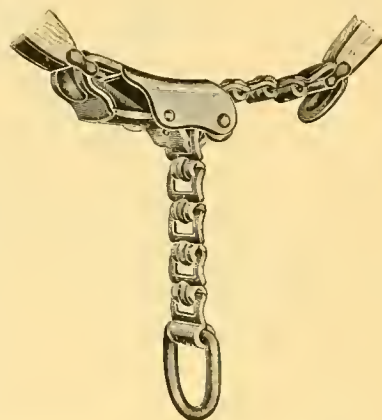
### The "Success" Hame Fasteners.

Stronger and more easily adjusted than any leather hame strap or other metallic fastener. Will not shrink or swell in dry or wet weather. Easily put on; cannot become detached from hames or get out of working order. Indestructible; will last as long as the hames. Hook box end into the off hame, closing down hook so that the hame fastener cannot become detached.

The "Success" Fastener. Bronzed Steel..... Per dozen. \$4.50

### The "Dodson" Hame Chain.

The cut represents this chain in its latest improved form. The links are strengthened and stiffened by corrugations, which also add much to the fine appearance of the chain. The body part hooks into the hame loop and is securely held there by the thumb piece, itself held by a first-class spring which, by its position, is secure from accident. This feature permits the chain to be transferred from one pair of hames to another, and in much less time than a hame strap can be. The end of the chain can be snapped up out of the way if desired. Are all steel, strong, secure and light. They work easily, never yield nor slip. They will outwear a dozen leather hame straps, and they can be hitched and unhitched in much less time. They do away with every objection that applies to other hame chains. They fit all work hames and all sizes of collars.

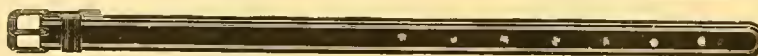


The "Dodson" Fastener. Bright Steel..... Per dozen. \$4.00



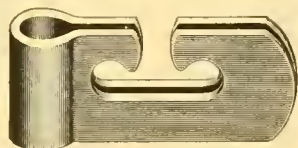
### Knotted Hame Strings.

		Per dozen.			Per dozen.
Harness Leather.	$\frac{3}{4}$ x 36 inches.....	\$1.90	Raw Hide.	$\frac{3}{4}$ x 36 inches.....	\$1.80
"	$\frac{7}{8}$ x 36 ".....	2.10	"	$\frac{7}{8}$ x 36 ".....	2.00



### Leather Hame Straps.

			Per dozen.			Per dozen.
Harness Leather.	$\frac{3}{4}$ -inch.	No. 2. Riveted.....	\$1.80	Raw Hide.	$1\frac{1}{8}$ -inch. Double and Stitched.....	\$5.00
"	$\frac{7}{8}$ "	No. 2. ".....	2.10	"	$1\frac{1}{4}$ " " " ".....	5.50
"	1 "	No. 1. Sewed.....	2.70			
"	$1\frac{1}{8}$ "	No. 1. ".....	3.00			
"	$1\frac{1}{4}$ "	No. 1. ".....	3.60			



Double Repair Hook.



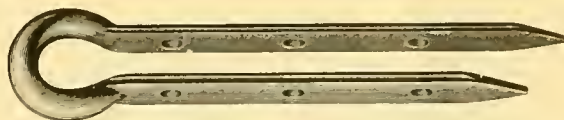
Lone Star Hook.

### Hame Repair Hooks.

	Dozen pairs.
Double Repair Hooks. Polished. For Regular Hames.....	\$1.50
Lone Star Repair Hooks. Polished. For Lone Star Attachment .....	2.50

One Dozen Pairs in a Box.

Two Hole.



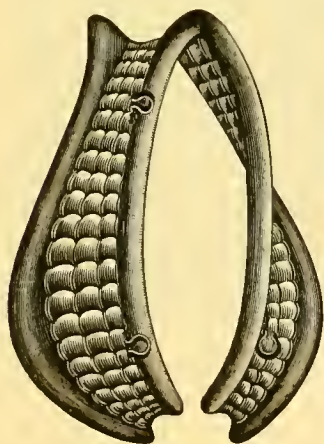
Three Hole.

### Clip Staples.

### Square Staples.

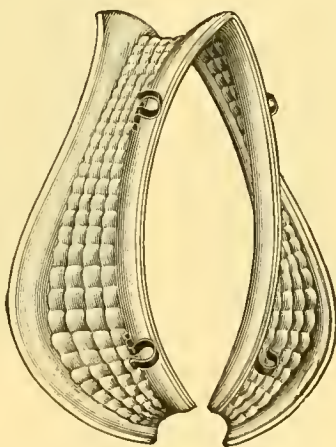
### Hame Rivets.

## Collar Pads



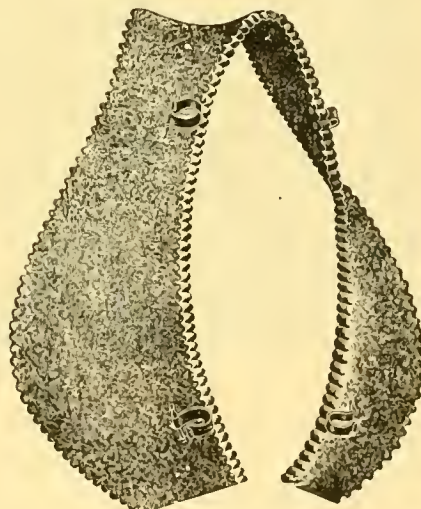
“ Rex ” Collar Pad.

Brown and white drill, composite stuffing, four rows of quilting, three hooks. Made in lengths 16 to 25 inches.



“Red Edge” Collar Pad.

Old gold drill, composite stuffing, five rows quilting, four hooks. A strip of red felt (not pinked) inserted and extending around the outer edge gives the pad a handsome and finished appearance.



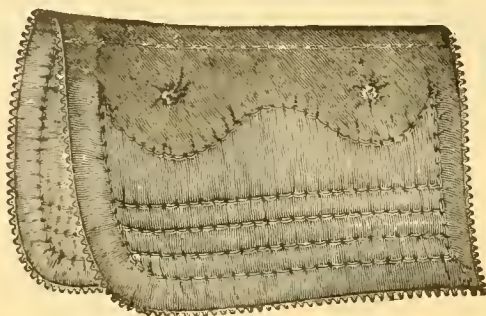
Felt Collar Pad.

For heavy team collars. Only the best grade of felt is used in the manufacture of these pads. Good smooth stock, strong colors, four hooks.

No. 162N/12—"Rex."	Brown and White.	12 inches wide.	Lengths, 16 to 25 inches.	\$5.00.
No. 162N/14—" "	" "	14 " "	" " 25 " "	6.00
No. 63N/12—"Red Edge."	Old Gold.	12 " "	16 " 25 " "	5.50
No. 63N/14—" "	" "	14 " "	16 " 25 " "	6.50
No. C1/11—"Tapatco" Felt Pad.	Orange Color.	11 inches wide.	Lengths, 16 to 25 inches.	9.00

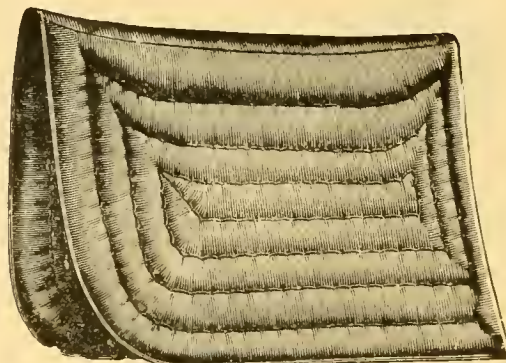


## Saddle Pads and Housings



Style K Saddle Pads.

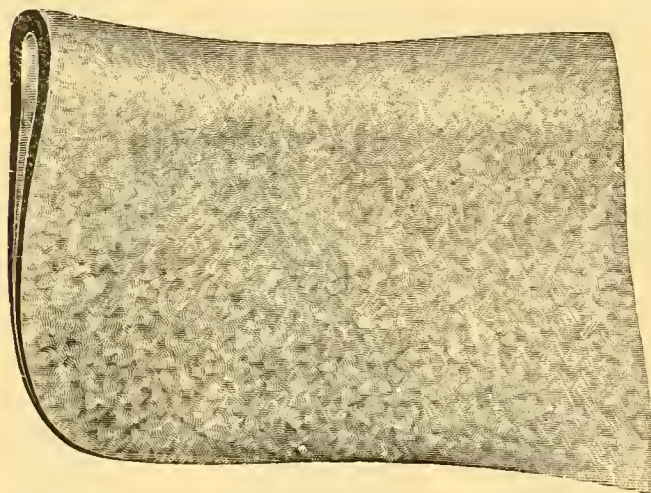
Face of pad is fawn felt, pinked felt edges, composite stuffing, space in center is left open or unstuffed; it possesses all the merits of a felt saddle housing and a stuffed pad combined, the thickness is sufficient to guarantee against any injury by the saddle, while the stuffing used insures complete absorption of the perspiration.



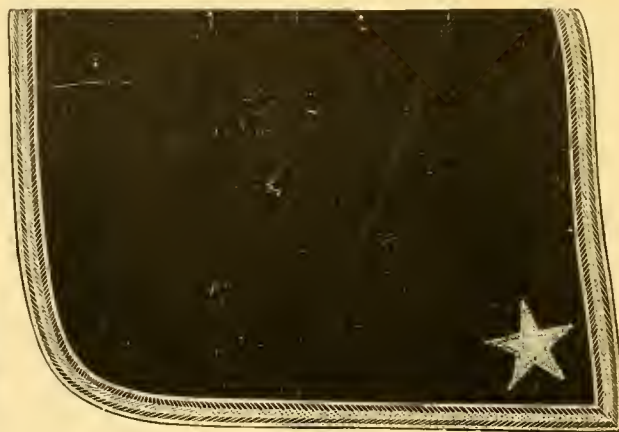
Style W Saddle Pads.

Made of old gold drill, excellent quality, composite stuffing, high-class workmanship, space in center is left open or unstuffed; briefly summed up, they are first-class.

Style K, No. 12—Size, 26 x 34 inches.	Heavy Blue Drill Back.....	Per dozen.
Style W, No. 2— " 26 x 32 "	Old Gold Drill.....	\$9.60
		4.50



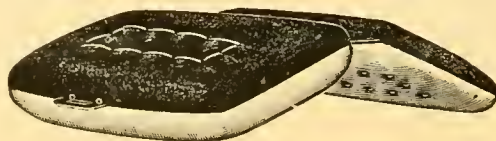
Silver King.



No. 11S.

Silver King—Gray Graduated Felt. Citizens' size.....	Per dozen.
No. 11S— $\frac{3}{16}$ -inch Felt. Blue, Green, Orange and Red. Assorted Figured Boot Web Trimming. Stars in	\$18.00
Corners .....	8.00

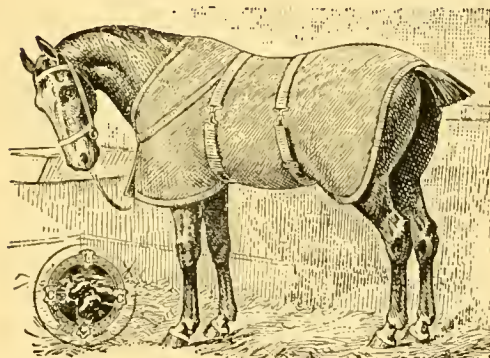
*One Dozen in a Bundle.*



No. A102—Cart Saddle Pad. White Drill. 18 x 21 inches. Open Center.....	Per dozen.
	\$3.50



## Horse Blankets



All Shaped Blankets Are Furnished Complete with Two Surcingles and All Leather Straps.

	Each.
No. 2—Extra Heavy Mangled Bagging. Unlined. 72 inches .....	\$1.35
No. 3—Extra Heavy Mangled Bagging. Half Lined. 72 inches .....	1.80
No. 4—Extra Heavy Mangled Bagging. Three-Quarter Lined. 76 inches .....	2.25
No. 55—Extra Heavy Mangled Bagging. Full Wool Lined. 76 inches .....	2.70
No. 9—Mangled Burlap. Full Buckskin Kersey Lined. Bound Front, Short Stay, Extra Stay. 76 inches..	2.90
No. 10—Mangled Bagging. Bound Wide Front. Long Stay. Wide Surcingles. Full Buckskin Kersey Lined. 76 inches .....	3.15
No. 120—Mangled Bagging. Wide Double Bound Front, Wide Long Stay and Surcingles. 40 inches deep. 76 inches long .....	3.75
No. 33—Brown Duck. Full Wool Lined. 76 inches .....	2.70
No. 36—Brown Duck. Full Wool Lined, Short Stay, Dark Blue Trimmed. 76 inches .....	2.85
No. 38—Brown Duck. Full Kersey Lined, Short Stay, Red Trimmed. 76 inches .....	3.30
No. 40—Brown Duck. Full Kersey Lined, Wide Blue Trimmed. 76 inches .....	3.60

### All-Over Blankets.

#### Open Fronts. Two Straps.

	Each.
No. 15—Heavy Bagging. Full Kersey Lined. Cable Front. Leather Surcingle Strap. 76 inches .....	\$3.75
No. 275—Brown Duck. Buckskin Kersey Lined. Cable Front. Red Trimmed. Leather Surcingle Strap. 76 inches....	4.35
No. 100—Fawn Stable Blankets. Red Trimmed. 76 inches .....	5.55

### Square Blankets.

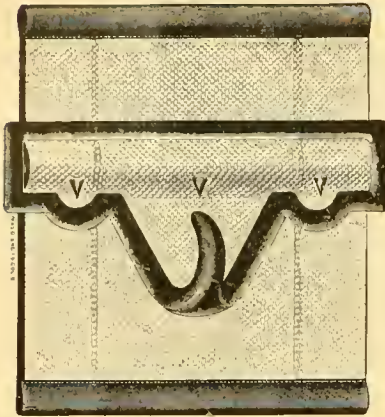
Red Horn. Wine Wool Ground. Red, Navy Blue and White. Wide Headings. 76 x 80 inches .....	2.40
Gypsy. Grey Ground, Plum, Red, White, Black Wide Body Stripes and Headings. 80 x 84 inches .....	2.70
Geneva. Reddish Mix and Seal Brown Ground. Narrow Red and Blue Stripes. Red, Green, White and Black Headings. 80 x 84 inches .....	3.45
Cyclone. Fancy Plaid. Iron Grey Ground, Seal Brown, White, Red and Green Fancy Drop-Box Plaid and Headings. 76 x 80 inches .....	3.30
Highlander. Red and Black Fancy Checker-Board. 76 x 80 inches .....	3.45
Kennebec. Double Woven Drop-Box Plaids. Assorted Fancy Colors. 76 x 80 inches .....	4.35
Savoy. Fancy Drop-Box, Fine Wool Plaids. Assorted Colors. 76 x 80 inches .....	6.90
Astor. Double Woven, Heavy Weight Plaid. Green, Black and White Plaid. 84 x 90 inches .....	8.40

## Waterproof Covers

	Each.
No. 2443—To Head. Heavy Black Fabric, Hame and Trace Leathers .....	\$4.50
No. 50X—To Head. Heavy Brown Waterproof Duck. Hame Leathers, Shaft Openings and Trace Leathers .....	5.25
No. 40—To Head. Extra Heavy Waterproof White Duck. Hame Leathers, Shaft Openings and Trace Leathers .....	5.70
No. 2444—To Head. Heavy Black Fabric, Hame and Trace Leathers .....	6.00
No. 60—To Breast. Superfine White. Hame Leathers, Shaft Openings and Trace Leathers .....	7.50
No. 75—To Head or to Breast. Extra Heavy Special Brown Waterproof Duck, Rubber Lined Back, Hame Leathers, Shaft Openings and Trace Leathers .....	7.50

We are prepared to take care of all orders for Plush Lap Robes in plain and fancy patterns, Fur Robes, Linen Dusters, Fly Nets, Cooling Blankets, etc. Correspondence solicited and best prices guaranteed.

## Back Bands and Webbing



### Back Bands without Hooks.

Heavy Cotton Webbing, Leather Bound Ends.

					Per dozen.
No. 1 Webbing.	3½ inches wide,	39 inches long.			\$2.25
No. 1	4	39			2.60
No. 2	3½	39			2.25
No. 2	4	39			2.60

### Back Band Hooks Only.

Japanned.

				Dozen pairs.
"Daisy" Hook.	For 3½-inch Back Bands.			\$0.50
"	" 4 " " "			.55

### Complete Back Bands with Hooks.

					Per dozen.
"Daisy" Hooks, with No. 1 Webbing.	3½ inches wide.				\$2.75
"	No. 1	4			3.10
"	No. 2	3½			2.75
"	No. 2	4			3.10

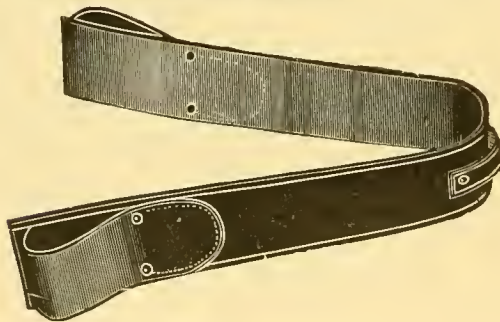
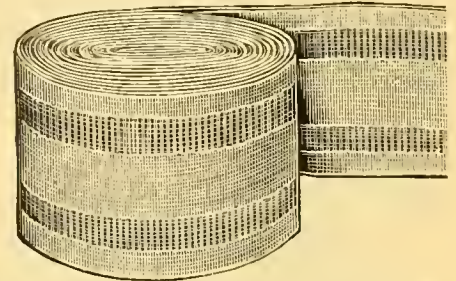
### Back Band Webbing.

White Cotton. Put Up in Rolls of 100 Lineal Feet.

Sold Only in Full Rolls.

	Per 100 feet.
No. 1—3½ inches wide.	\$6.00
No. 1—4 " "	6.50
No. 2—3½ " "	6.00
No. 2—4 " "	6.50

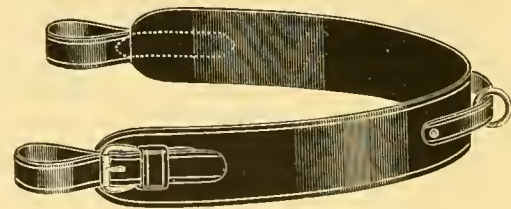
One Roll in Package.



### Leather Back Bands.

Plain flat leather, creased. Leather trace loops, sewed and riveted on. Turnback loop in center, riveted on. 40 inches long.

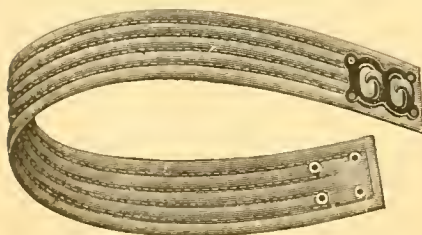
Width, inches	3	3½	4
Per dozen	\$15.50	17.50	20.00



### Leather Back Bands.

Plain flat leather, creased. Leather trace loops, with buckle and billet sewed on, with turnback loop in center. 39 inches long.

Width, inches	3	3½	4
No. 30—Plain, per dozen	\$16.00	18.00	20.00
No. 32—Felt Lined, per dozen	12.50	14.00	15.50



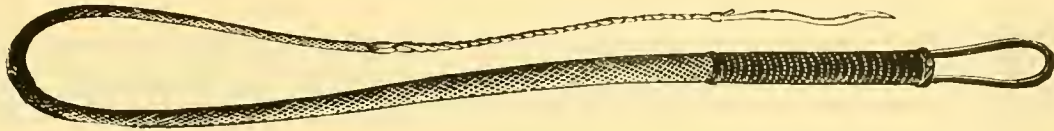
### "Kraker" Adjustable Back Bands.

The total length is 42 inches, but can be adjusted readily to 39 and 36 inches. Width, 5 inches. Padded entire length with four rows of quilting. The adjustable hook is made of malleable iron, securely fastened to the band by means of four rivets. Leather washers are used underneath the rivets as a further precaution against their being loosened on account of any unusual strain.

	Per dozen.
Kraker Adjustable. 8-ounce White Duck. Padded and Quilted. 42 inches long.	\$3.00



## Team and Drovers' Whips



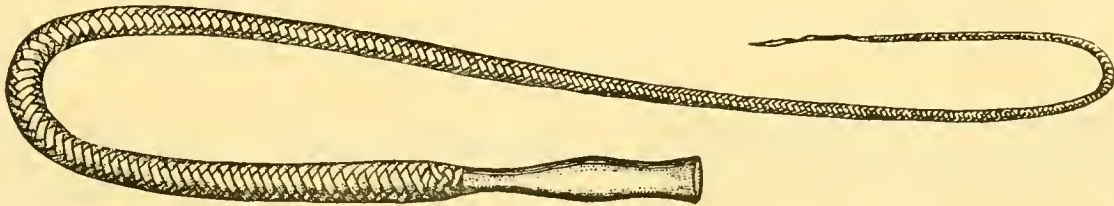
- No. 5062—All Leather Team Whip. Russet Braided, Buck Stitched, Eight Plait, Red Wired Handle, Leather Loop, Lace Cracker. 5 feet long..... \$7.50  
6 feet long..... 9.00



- No. 5043—All Leather Team Whip. Russet Oiled Cover, Buck Stitched, Russet Horsehide Points, Leather Loop, Lace Cracker. 5 feet long..... \$10.00  
6 feet long..... 11.00  
7 feet long..... 12.00

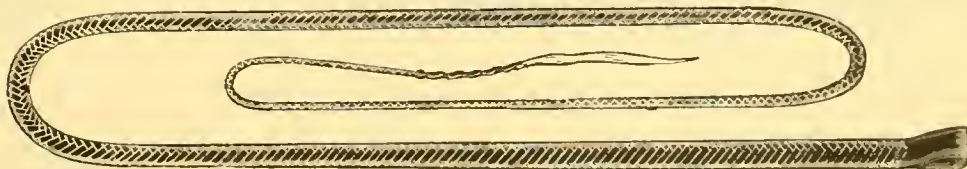


- No. 5001—All Leather Wagon Whips. Oiled Tanned Buck Stitched Cover, Braided Lash, Leather Loop, two Buttons, Loaded Handle. 4 feet long..... \$12.00  
4½ feet long..... 13.50  
5 feet long..... 15.00  
6 feet long..... 18.00



- No. 5086—Swivel Drove Whip. Six Plait Raw Hide, California Style, Button at Handle, Swivel Wood Handle. 6 feet long..... \$11.50  
7 feet long..... 13.00  
8 feet long..... 14.50

## Whip Lashes



### Texas Lashes.

California Style. Rawhide Leather.

				Per dozen
No. 5119—	Four Plait.	6 feet long.....		\$ 7.00
	" "	7 " ".....		8.00
	" "	8 " ".....		9.50
	" "	10 " ".....		11.00

### Georgia Ox Lashes.

California Style. Heavy Swell at Loop.  
Rawhide Leather.

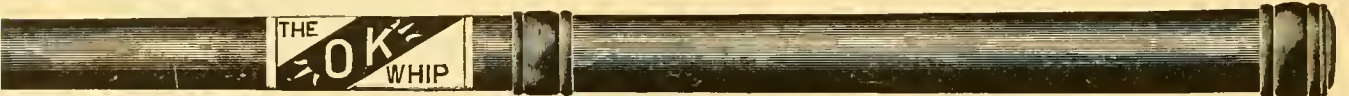
				Per dozen.
No. 5143—	Four Plait.	5 feet long.....		\$7.00
	" "	6 " ".....		8.00
	" "	7 " ".....		9.00



## Buggy Whips



No. 10—Waterproof Java. Black, Smooth Finish. Round End. Loop Snap. 6 feet..... Per doz. \$1.20



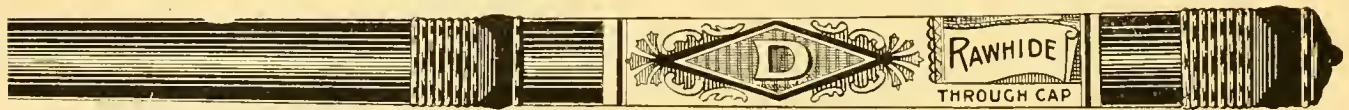
No. 15—O. K. Java. Assorted Colors. Two Combination Buttons. Loop Snap. 6 feet..... Per doz. \$1.80



No. 25—Prime Java Stock. Loaded. Black, Wine and Green Colors. Fine Finish. Round End. Load Cap. Two Combination Buttons. Philadelphia Snap. 6 feet..... Per doz. \$3.00



No. 35—Solid Japanese Reed. Black. Fine Finish. Loaded Handle. Assorted Color Handles. Japanned Cap. Two Combination Buttons. Philadelphia Snap. 6 feet..... Per doz. \$4.20



No. 50—Raw Hide. From Snap Through Cap. Loaded. Black. Japanned Cap. Two Combination Buttons. Philadelphia Snap. 6 feet..... Per doz. \$6.00



No. 75—Extra Quality Raw Hide. From Snap Through Cap. Black. Fine Finish. Japanned Cap. Two Combination Buttons. Rubber Lined from Snap to Cap. Hand Made English Snap. 6 feet..... Per doz. \$9.00



No. 100—Extra Heavy Stocked Raw Hide. 7/12 length. Black. Extra Fine Finish. Seamless Vulcanized Rubber Inner Cover. Rubber Cushioned Cap. Combination Chased Buttons. English Hand Made Silk Snap. 6 feet..... Per doz. \$12.00

## Drop Top Whips



No. 774—Java Cab Whip. Linen Color. Black Painted Handle. 1-inch Plain Nickel Head. 1½-inch Ferrule. 3-foot Drop. Loop Snap. 3½ feet..... Per doz. \$3.00



No. 748—Java Coach Whip. Loaded. Wine Color. 1¼-inch Plain Nickel Head, with Cushion End, and 1½-inch Plain Nickel Ferrule. Two Plait Nankeen and Light Russet Top. 3-foot Drop, Wound Keeper. Philadelphia Snap. 5 feet..... Per doz. \$3.00



No. 741—Java Hack Whip. Loaded. Wine Color. Cap Load and Nine Combination Buttons. 4-foot Linen Color Drop Top. Wound Keeper. Philadelphia Snap. 5½ feet..... Per doz. \$6.00

## The "Wheeler" Whip Assortments

These assortments consist of the most popular styles of Whips and will sell readily and yield a good profit to the retailer. With one of the Whip Racks shown below, they will make an attractive addition to your store. Write for net prices.

### 57-Whip Assortment.

No. 10—Twelve Whips at 10 cents each.....	\$1.20
No. 15—Twelve " " 15 " " .....	1.80
No. 25—Six " " 25 " " .....	1.50
No. 35—Six " " 35 " " .....	2.10
No. 50—Six " " 50 " " .....	3.00
No. 75—Six " " 75 " " .....	4.50
No. 100—Three " " 1.00 " " .....	3.00
No. 774—Two " " 25 " " .....	.50
No. 748—Two " " 25 " " .....	.50
No. 741—Two " " 50 " " .....	1.00

Fifty-seven Whips, which retails for....\$19.10

### 45-Whip Assortment.

No. 10—Twelve Whips at 10 cents each.....	\$1.20
No. 15—Twelve " " 15 " " .....	1.80
No. 25—Six " " 25 " " .....	1.50
No. 35—Six " " 35 " " .....	2.10
No. 50—Three " " 50 " " .....	1.50
No. 75—Three " " 75 " " .....	2.25
No. 100—Three " " 1.00 " " .....	3.00

Forty-five Whips, which retails for.....\$13.35

## Whip Racks



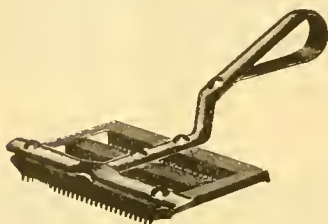
No. 1.



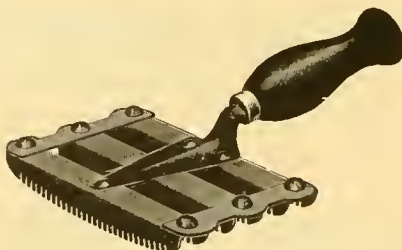
No. 2.

No. 1—Circular. Holds 225 Whips. 16½ inches Outside Diameter. Malleable Iron..... \$18.00  
 No. 2—Straight. Holds 30 Whips. Length 15½ inches. Malleable Iron..... 4.00

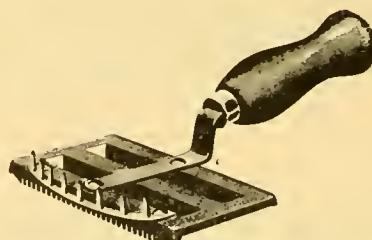
## Curry Combs



No. 35.

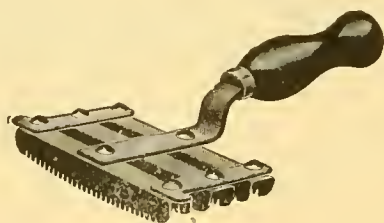


No. 066.

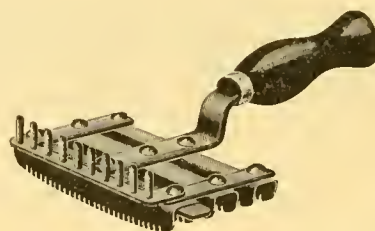


No. 30½.

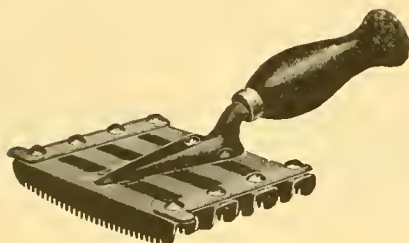
				Per doz.
No. 35	—6 Bars.	All Steel. Steel Loop Handle.	Lacquered .....	\$0.56
No. 066	—6 Bars.	Steel. Open Back. Oval Face.	Lacquered. Enameled Handle, Nicked Ferrule.....	1.00
No. 30½	—6 Bars.	“ “ “	Lacquered. Carmine Handle, Steel Ferrule. With Mane Comb....	.80



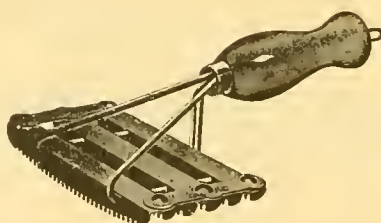
No. 063.

No. 0631<sup>50</sup>.

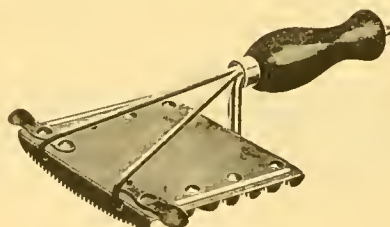
No. 063	—6 Bars.	Open Back.	Oval Face.	Lacquered.	Enameled Handle.....	Per doz.	\$1.00
No. 063 <sup>1</sup> / <sub>2</sub>	—6 Bars.	“	“	“	“	With Mane Comb.....	1.25



No. 083T.

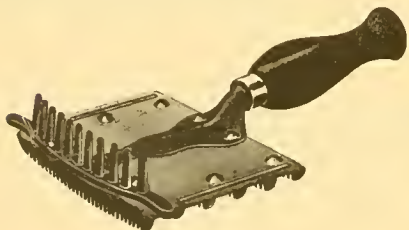


No. 068.



No. 189T.

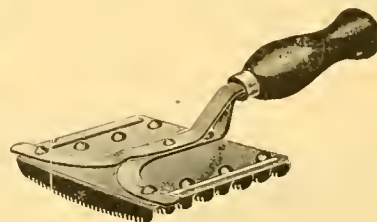
No. 083T—8 Bars.	Open Back.	Oval Face.	Tinned.	Enameled	Handle.....					Per doz.
No. 068 —6 Bars.	"	"	"	"	Lacquered.	"	"	Wire Back Grasp.....		\$1.50
No. 189T—8 Bars.	Close	"	"	"	Tinned.	"	"	"	"	2.00



No. 167½.



No. 183.

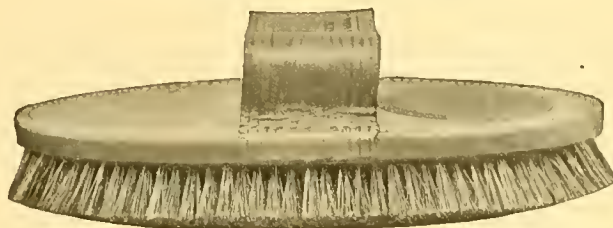


No. 800.

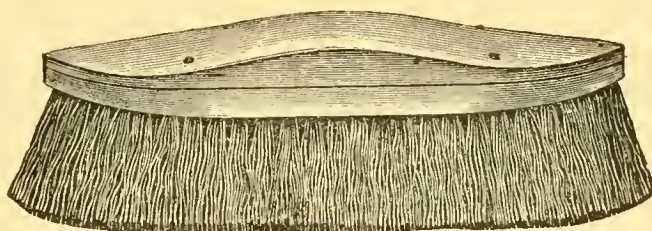
No. 167½—6 Bars.	Close Back.	Oval Face.	Lacquered.	Enameled Handle.	With Mane Comb.....	Per doz. \$1.65
No. 183 —8 Bars.	“	“	“	“	“	1.45
No. 800 —8 Bars.	“	“	“	“	“	1.68



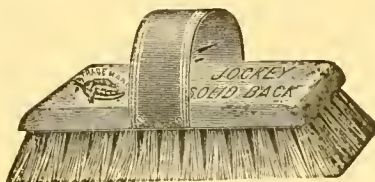
## Horse Brushes



			Per doz.
No. 3—	Army Pattern. 10 Rows, Gray Tampico Center, Black Outside Row, Flat Face, Embossed Green Leatherette Back, Patent Leather Strap. 8½ inches		\$ 4.50
No. 5—	Oval Pattern. 11 Rows, Black Tampico, Oval Face, Embossed Black Leatherette Back, Embossed Leather Strap. 9 inches		6.30
No. 66—	Oval Pattern. 9 Rows, Gray Tampico Center, White Outside Row, Flat Face, Embossed Green Leatherette Back, Enameled Leather Strap. 9 inches		3.93
No. 213—	Oval Pattern. 12 Rows, Red Mixed Tampico, Oval Face, Plain Red Enameled Leather Back, Fair Leather Strap. 9 inches		8.25
No. 50—	Oval Pattern. Extra Quality. 15 Rows, White Imitation Bristles, Oval Face, Embossed Fair Leather Back, Fair Leather Strap. 9 inches		12.75
No. 67—	Oval Pattern. 17 Rows, Black Bristle Casing, Imitation Center, Oval Face, Embossed Black Leather Back, Harness Leather Strap. 9 inches		9.00
No. 45—	Oval Pattern. 15 Rows, All Bristles, Gray and Black Mixed, Oval Face, Embossed Orange Leather Back, Orange Leather Strap. 9 inches		18.00
No. 226—	Army Brush. Warranted. 15 Rows, All Black Bristles, Flat Face, Embossed Sole Leather Back, Fair Leather Strap. 9 inches		27.00

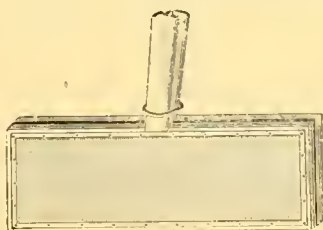


				Per doz.
No. 0248—	Dandy Horse Brush. Palmetto Fiber. 10½ inches long. Polished Back			\$3.35
No. 2541—	" " " Imitation Palmetto. 10 " " " " "			3.20
No. 257—	" " " Rice Root. 10½ " " " " "			6.25

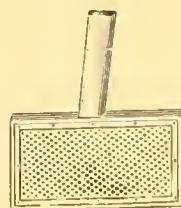


			Per doz.
No. 381—	Jockey Horse Brush. Palmetto Fiber		\$2.50

## Cotton and Wool Cards



Nos. 9 and 83.



No. 28.

			Per doz.
No. 9—	Cotton Card. 9¾ x 4¾ inches		\$4.25
No. 83—	Wool Card. 9¼ x 4¼ " "		2.75
No. 28—	Mixing Cards. No. 28 Wire. 9¾ x 4¾ inches		3.80

## Bridle Bits



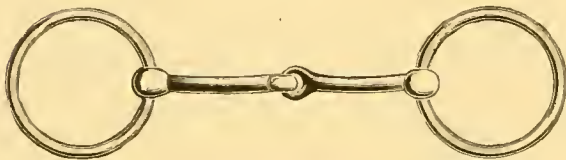
Per doz.

No. 845—Wire Ring Bit. X C Plate, 2-inch Rings,  
6-inch Twisted Wire Mouth..... \$0.92



Per doz.

No. 855—Wire Ring Bit. X C Plate, 2½-inch  
Rings, 6-inch Double Twisted Wire  
Mouth ..... \$1.40



Per doz.

No. 47J—Jointed Wrought Ring Bit. X C Plate,  
2¾-inch Rings, 6-inch Mouth. 7 lbs to  
the dozen ..... \$1.20

No. 47S—Stiff Mouth ..... 1.20



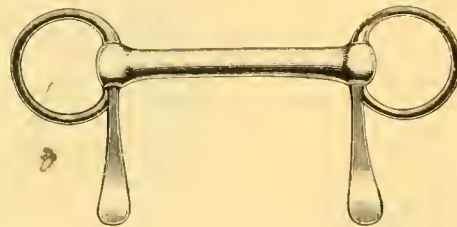
Per doz.

No. 865—Wire Snaffle Bit. X C Plate, 1¾-inch  
Rings, 2¾-inch Cheeks, 5¾-inch Twisted  
Mouth ..... \$1.20



Per doz.

No. 852—Jointed Malleable Snaffle Bit. X C Plate,  
2-inch Rings, 3-inch Cheeks, 5½-inch  
Mouth. Weight, 4½ lbs. per dozen.... \$2.30



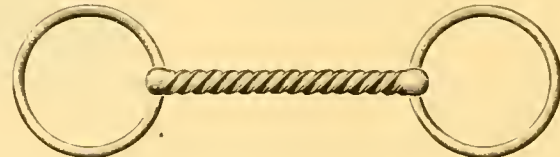
Per doz.

No. 852½—Stiff Malleable Snaffle Bit. X C Plate,  
2-inch Rings, 3-inch Cheeks, 5½-inch  
Mouth. Weight, 4½ lbs. per dozen... \$2.30



Per doz.

No. 67—Wrought Ring Bit. Wrought Steel  
Twisted Mouth. 2¾-inch Rings, X C  
Plate, Jointed or Stiff..... \$1.20



Per doz.

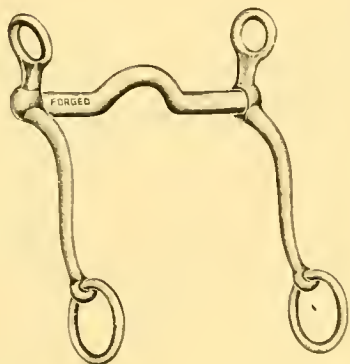
No. 115—Malleable Twisted Ring Bit. 2-inch Ring.  
X C Plate, Stiff or Jointed..... \$0.80



Per doz.

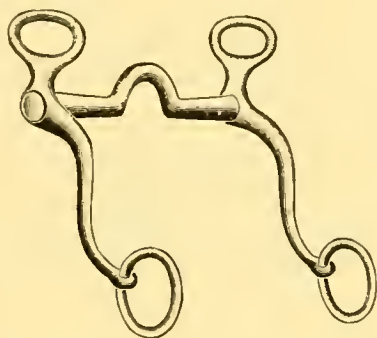
No. 197—Wilson Four-Ring Bit. Malleable Iron, X C Plate. Outside Rings 2½ inches. Inside Rings, 1½  
inches ..... \$2.00

## Bridle Bits



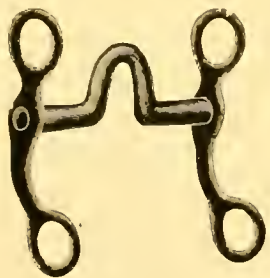
Per doz.

No. 732—Wrought Port Bits. X C Plate, 5-inch Cheeks,  $1\frac{1}{8}$ -inch Rings, 1-inch Check Loops,  $4\frac{1}{2}$ -inch Mouth,  $\frac{3}{4}$ -inch Port... \$7.50



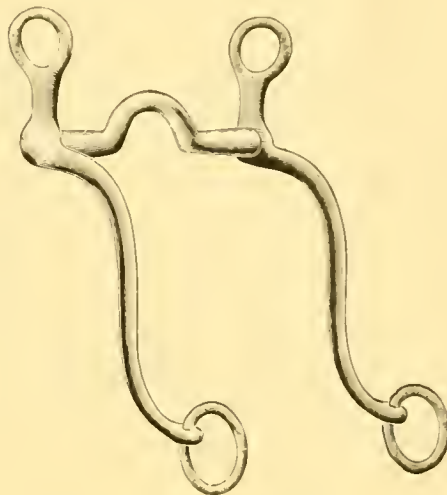
Per doz.

No. 632—Malleable Port Bit. Heavy Pattern, X C Plate, 5-inch Cheeks,  $1\frac{1}{8}$ -inch Rings, 1-inch Check Loops,  $4\frac{1}{2}$ -inch Mouth,  $\frac{3}{4}$ -inch Port..... \$1.36  
 No. 0632—Light Pattern ..... 1.26



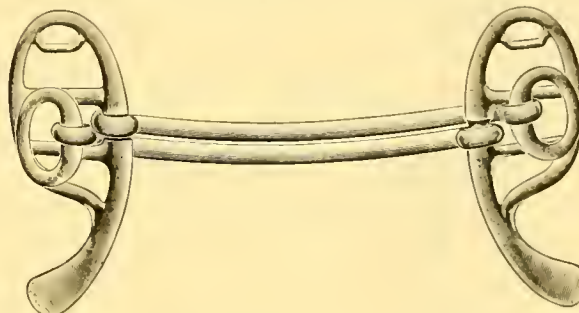
Per doz.

No. 930—Texas Port Bit. Blued Malleable Iron, 5-inch Cheeks, 1-inch Check Loops,  $4\frac{1}{2}$ -inch Mouth,  $1\frac{1}{4}$ -inch Port..... \$1.30



Per doz.

No. 636—Malleable Port Bit. X C Plate,  $6\frac{1}{2}$ -inch Cheeks,  $1\frac{1}{4}$ -inch Check Loops,  $1\frac{1}{4}$ -inch Wrought Line Rings,  $4\frac{1}{8}$ -inch Mouth,  $\frac{1}{2}$ -inch Low Port..... \$2.00



Per doz.

No. 112—J. I. C. Driving Bit. Double Steel Wire Mouth, Malleable Cheeks, X C Plate,  $1\frac{1}{2}$ -inch Rings,  $\frac{7}{8}$ -inch Check Loops,  $3\frac{1}{2}$ -inch Snaffles, 5-inch Mouth..... \$2.00



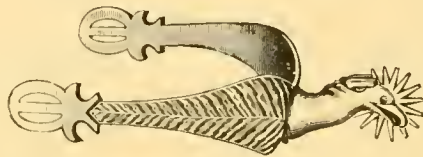
Per doz.

No. 600—Malleable Mule Port Bit. Light Pattern, Japanned, 1-inch Line Loops,  $5\frac{1}{2}$ -inch Cheeks,  $4\frac{1}{2}$ -inch Mouth, 1-inch Port.... 1.38

Half Dozen in a Box.



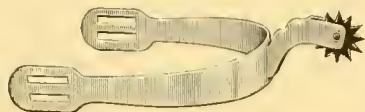
## Riding Spurs



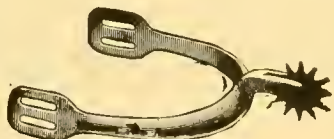
No. 661—Cuban Eagle.	X C Plate.	1 $\frac{1}{4}$ -inch Malleable Rowel	Dozen pairs.	\$2.00
"	"	Nickel Plated. 1 $\frac{1}{8}$ -inch.	"	4.00



No. 619—Malleable Iron.	X C Plate.	1-inch Heel.	Dozen pairs.	
		5/8-inch Rowel		\$1.40



No. 679—Spring Steel.	X C Plate.	5/8-inch Rowel	Dozen pairs.	\$2.00
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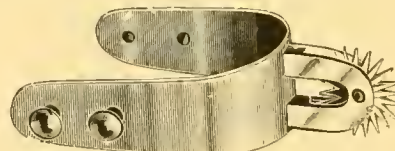
No. 610—Solid Brass.	Polished.	3/4-inch Blued	Dozen pairs.	
		Rowel		\$3.60



No. 650—Malleable Iron.	X C Plate.	3/4-inch	Dozen pairs.	
		Rowel		\$1.60

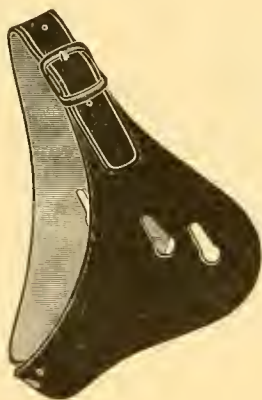


No. 611—Solid Brass.	Polished.	1 $\frac{1}{4}$ -inch Blued	Dozen pairs.	
		Rowel		\$4.00

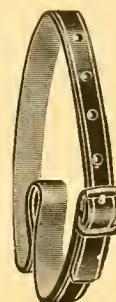


No. 693—Eureka.	Spring Steel.	Fine Blued	Dozen pairs.	
		1 $\frac{1}{2}$ -inch Rowel		\$4.00

*Half Dozen Pairs in a Box.*



No. 707—Eureka.	Two Close Set Buttons.	Black	Dozen pairs.	
		Leather		\$3.00



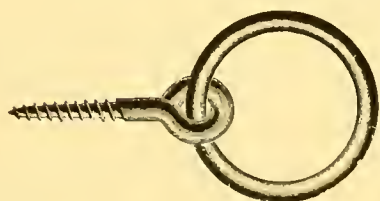
No. 708—1/2-inch Black Leather	Dozen pairs.	\$1.40
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## A detailed illustration of a decorative metal bracket. The bracket features a curved arm that extends from a mounting plate and terminates in a spherical finial. The mounting plate has two circular holes for screws. The entire piece is rendered in a dark, textured style, possibly representing cast iron or steel.

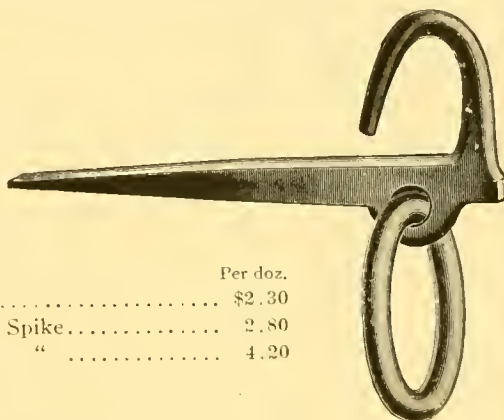
No. 161—5	inches.	Japanned	.....	\$0.85
No. 165—6 $\frac{1}{2}$	"	"	.....	1.10
No. 166—8	"	"	.....	1.30

	Heavy Cast Iron.	Drilled Holes.	Per doz.
No. 169—	6 inches.	Japanned.....	\$1.05
No. 170—	8       "	"	1.15
No. 171—	10       "	"	1.30

# Hitching Rings, Hooks and Weights



No. 17.



Nos. 10 and 12.

		Per doz.
No. 17—Wrought Ring and Screw, Galvanized.	2½-inch Ring.....	\$2.30
No. 10—“ “ “ Hook. To Drive.	Plain Iron. 5¾-inch Spike.....	2.80
No. 12—“ “ “ “ “ “	Galvanized. 5¾ “ “ .....	4.20

*One Dozen in a Box.*



### Hitching Weights.

No. 179—Weight, 10 pounds. Japanned.....	\$6.75
No. 180—       "       15       "       " .....	9.50

## Wagon Umbrellas

This Umbrella spreads 70 inches and has eight heavy detachable steel ribs, 40 inches in length. The top notcher is especially designed to cover the hooks and protect the cover. Ribs and stretcher made of special tempered steel. Removable cover of heavy drill, which is more serviceable than duck. The metal end socket, 1 1/4 inches in length, is clinched to rawhide and then sewed on the cover. The pole, 1 1/2 inches in diameter, made of extra selected hardwood, oil finished. All metal parts are japanned.



Per doz.

Heavy Wagon Umbrellas. 8 Steel Ribs. Extra Heavy Drill. Complete, with All Fixtures.....	\$30.00
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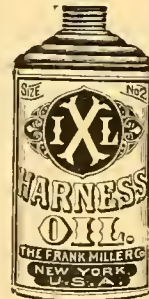
## Frank Miller's Preparations



### Miller's Harness Oil.

This Oil has earned for itself the reputation it has so long maintained, being superior to anything produced for the purpose—softening and preserving the leather.

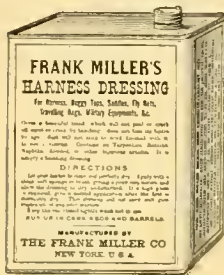
		Per doz.
No. 0—In Half Pint Cans.	One dozen in a box..	\$3.00
No. 1— " Pint	" " " " " "	6.00
No. 2— " Quart	" " " " " "	9.50



### I. X. L. Harness Oil.

A cheaper grade of Harness Oil than the Frank Miller Oil. It is superior to any article of this class in the market.

		Per doz.
No. 0—In Half Pint Cans.	One dozen in a box..	\$3.00
No. 1— " Pint	" " " " " "	4.50
No. 2— " Quart	" " " " " "	7.00



### Miller's Harness Dressing.

A superior article for general use. Unequaled for use in livery, express and private stables. An indispensable article wherever harness is in use. Gives a beautiful finish that will not peel, crack or smut, and to which dust will not stick.

		Per doz.
In Pint Cans.	One dozen in a box.....	\$5.50
" Quart "	" " " " " "	9.00



### Miller's Axle Oil.

Superior to castor oil, lasts longer and will not gum. Will not run from the boxes, if properly used. Not affected by climatic changes.

		Per doz.
In Pint Cans.	One dozen in a box.....	\$4.50
" Quart "	" " " " " "	9.00

## Bickmore Gall Cure



		Per doz.
In 2-ounce Boxes.	One dozen boxes in carton.....	\$3.00

The manufacturers guarantee every box of Gall Cure. Money refunded if it fails to cure Collar or Saddle Galls upon horses, under the harness, while the horse is worked; Chafes, Bruises, Cuts, Mud Scalds, Scratches, Grease Heel, Rope Burn, or any minor wound or sore upon horses and cattle. It gives immediate relief and quick cure for cracked, sore teats in cows, and for mange in dogs.



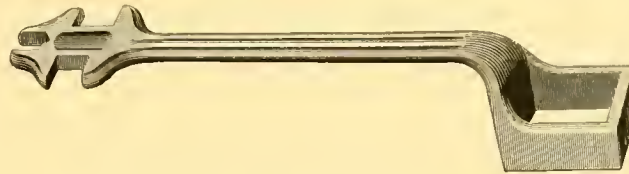
## Jacks and Wrenches



### STEEL BUGGY, CARRIAGE AND WAGON JACKS.

This is a powerful Jack, operated by pinion and lever, and is so constructed that the greatest leverage is obtained. When the load is lifted and the handle is down, the jack becomes locked and holds load in position until lever is raised. Three sizes.

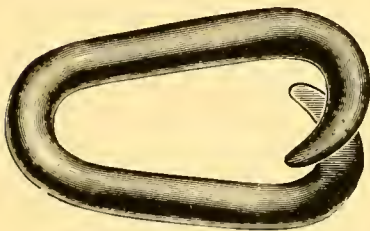
						Per dozen.
No. 0—Buggy	Size.	Capacity.	500 pounds.	Weight about	6 pounds	\$12.00
No. 1—Carriage	"	"	1000 "	"	11 "	16.00
No. 2—Wagon	"	"	1800 "	"	15 "	24.00



### CARRIAGE WRENCHES

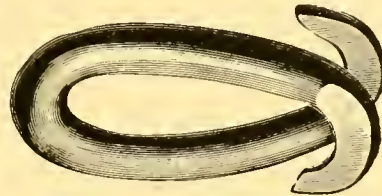
						Per dozen.
No. 7320C—Malleable Wrenches.	For 1 -inch Axle Nuts.	1/2, 5/8, 3/4-inch openings				\$1.50
No. 7320F—	"	" 1 3/8 "	"	"	" 1 1/2, 5/8, 3/4 "	1.50

## Links, Rings and Swivels



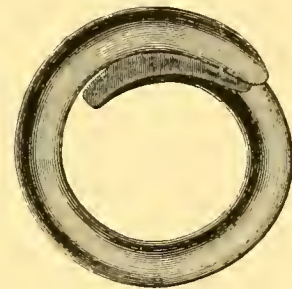
### PLAIN REPAIR LINKS.

	Per gross.
1/4-inch Iron	\$2.25
5/16 " "	3.30
3/8 " "	4.50
1/2 " "	8.25
5/8 " "	12.75



### END LAP LINKS.

			Per gross.
5/16-inch Iron.	1 1/2-inch inside		\$2.70
3/8 " "	2 " "		4.50
1/2 " "	2 1/2 " "		9.00
5/8 " "	2 1/2 " "		15.00
5/8 " "	3 " "		16.50
3/4 " "	3 " "		21.75



### PLAIN LAP RINGS.

			Per gross.
1/2-inch Iron.	2 1/2-inch diam.		\$12.60
5/8 " "	3 " "		18.00



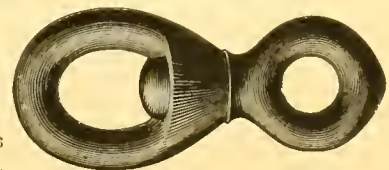
### KEYSTONE CONNECTING LINKS.

The Keystone Connecting Link for connecting new or repairing broken chains of any kind is composed of two corresponding halves centrally pivoted on the same axis. The inner flat face of each is pivoted with a projecting lug and recess, so that when closed and in use they mutually interlock, and by abutting against each other, lateral displacement of the two halves, and consequent spreading or parting is rendered impossible. The Keystone Link is drop forged from an especially tough grade of bar steel.

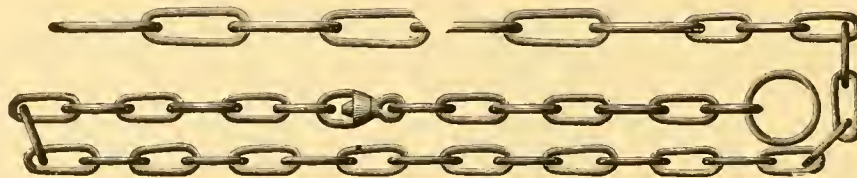
Size, inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1
Per dozen	\$2.00	2.25	2.50	3.25	4.00	7.50	10.00	15.00

### MALLEABLE CHAIN SWIVELS.

Length, inches	2 3/8	2 3/4	3	4 1/4	4 3/4	5
Size Eyes, inches	1/4	5/16	3/8	1/2	5/8	3/4
Size Wire, inches	1/4	5/16	5/16	3/8	7/16	9/16
Per pound	...	...	...	...	...	...



## Trace Chains



Straight Link Trace Chains.

English Standard.

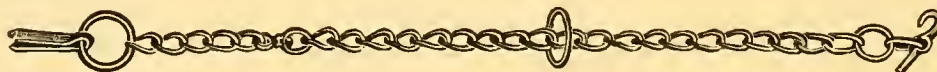
						Per pair.
6½- 8-2—6½ feet long.	6 Links to foot.	¼-inch Wire.	6¾ lbs. per pair	.....		\$0.92
6½-10-2—6½ " "	8 " " "	¼ " "	6¼ " " "	.....		1.07
7 -10-2—7 " "	8 " " "	¼ " "	6½ " " "	.....		1.23
7 -10-1—7 " "	8 " " "	⅜ " "	8½ " " "	.....		1.42
7 -10-0—7 " "	8 " " "	⅝ " "	10½ " " "	.....		1.75
7 -12-0—7 " "	10 " " "	⅝ " "	11 " " "	.....		2.05
7 -14-0—7 " "	12 " " "	⅝ " "	11½ " " "	.....		2.70



Butt or Half Trace Chains.

Western Pattern.

						Per pair.
30- 8-1—30 inches long.	7 Links to foot.	⅜-inch Wire.	38½ lbs. per dozen pairs	.....		
30-10-1—30 " "	9 " " "	⅜ " "	40 " " "	.....		
30- 8-2—30 " "	7 " " "	¼ " "	29 " " "	.....		
36- 8-2—36 " "	7 " " "	¼ " "	35 " " "	.....		
30-10-2—30 " "	9 " " "	¼ " "	30 " " "	.....		
36-10-2—36 " "	9 " " "	¼ " "	36 " " "	.....		



Buckeye Stage Chains.

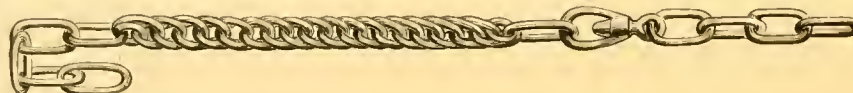
Western Pattern.

						Per pair.
3½-10-1—3½ feet long.	9 Links to foot.	⅜-inch Wire.	61 lbs. per dozen pairs	.....		
3½-12-1—3½ " "	11 " " "	⅜ " "	62 " " "	.....		

## Cart Back Chains



						Per doz.
Single. 5 feet long.	⅝-inch Wire.	30 pounds per dozen	.....			
" 4 " "	⅜ " "	25 " " "	.....			



						Per doz.
Double. Twisted Link	4½ feet long.	⅝-inch Wire.	63 lbs. per dozen	.....		

## Wagon Chains



Wagon Stay Chains. Self-Colored. 26 inches long.  $\frac{5}{16}$ -inch Wire. Weight, 30 pounds per dozen..... Each. \$0.50  
 26 " "  $\frac{3}{8}$ - " " 45 " " " " ..... 60



Wagon Tongue Chains. Self-Colored. 36 inches long.  $\frac{5}{16}$ -inch Wire. Weight, 32 pounds per dozen..... Per pair. \$0.70  
 36 " "  $\frac{3}{8}$ - " " 54 " " " " ..... 90



Wagon Lock Chains. Self-Colored. 42 inches long.  $\frac{5}{16}$ -inch Wire. Weight, 4 pounds each..... Per doz. \$5.20  
 42 " "  $\frac{3}{8}$ - " " 5 1/4 " " " " ..... 6.00

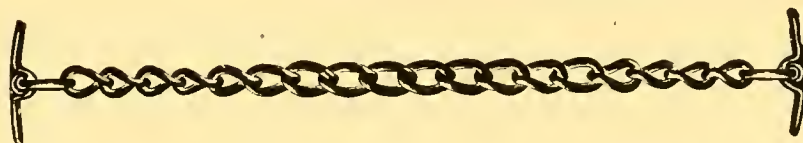


Wagon Stretcher Chains. Self-Colored. 42 inches long.  $\frac{3}{8}$ -inch Wire. Weight, 9 pounds each..... Each. \$1.00



Fifth, or Rolling Chain.

$\frac{7}{16}$ -in.	Length, feet ...	10	12	14	16	$\frac{3}{8}$ -in.	Length, feet ...	10	12	14	16
	Aver. Wt., lbs..	14 3/4	15	15 1/2	17 1/2		Aver. Wt., lbs..	15 1/2	19	22 1/4	24 1/2
	Per pound ....	.....	.....	.....	.....		Per pound ....	.....	.....	.....	.....



Single Breast Chains. Bright. 26-8-2.  $\frac{1}{4}$ -inch Wire. Weight, 30 pounds per dozen..... Per doz. \$5.00



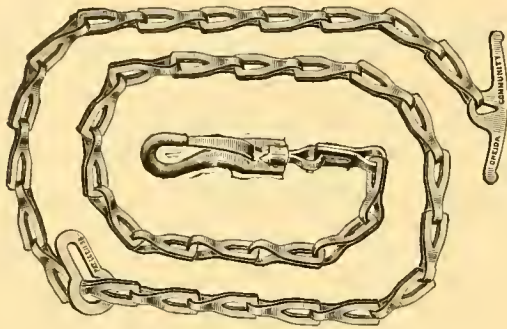
Double Breast Chains. Bright. 26-10-2.  $\frac{1}{4}$ -inch Wire. Weight, 42 pounds per dozen..... Per doz. \$9.00



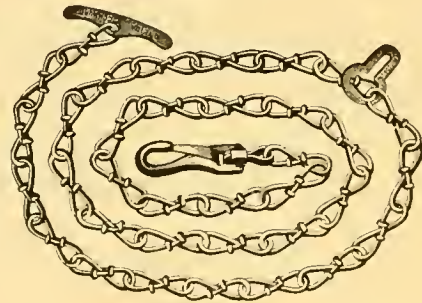
Sliding Breast Chains. Bright. 26-8-2.  $\frac{1}{4}$ -inch Wire. Weight, 31 pounds per dozen..... Per doz. \$9.00



## Halter Chains



American Pattern Halter Chains.



Niagara Pattern Halter Chains.

Size Numbers			7	6	5	4	3	2	1	0
American.	4½ feet long.	Per dozen	\$1.65	1.65	1.70	1.75	1.85	2.05	2.30	2.65
"	6 "	" "	2.10	2.15	2.25	2.35	2.50	2.70	3.00	3.35
Niagara.	4½ "	" "	1.65	1.65	1.70	1.75	1.85	2.05	2.30	2.65
"	6 "	" "	2.10	2.15	2.25	2.35	2.50	2.70	3.00	3.35

*Half Dozen in a Box.*

## Cow Ties



Niagara Ohio Pattern.



Ohio Pattern.

No.	Length	Weight	Per doz.	No.	Length	Weight	Per doz.
No. 00	—4 feet 10 inches.	14 pounds to dozen	\$3.25	No. 00	—4½ feet.	19 pounds to dozen	\$3.60
No. 000	—5 "	17 " " "	3.75	No. 5	—28 "	" " "	4.80

## Tie-Out Chains

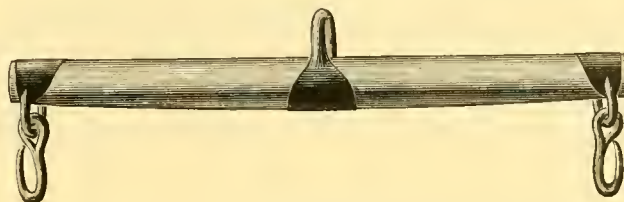


Niagara Tie-Out or Picket Chains.

Regular length 30 feet. Swivel Snap on one end, 1¾-inch Ring on the other end and Swivel in center. Picket Chains are wrapped singly in strong paper packages; 6 packages in a bundle, 7 to 10 dozen to a barrel.

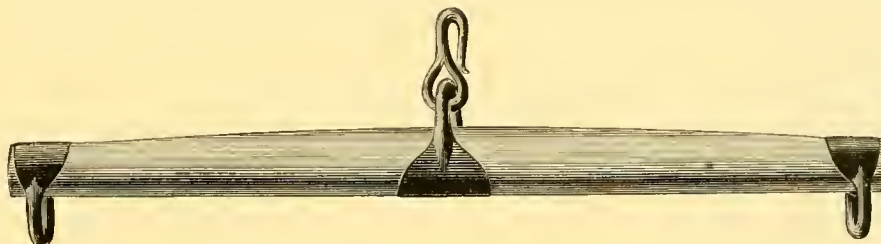
Niagara Pattern.	30 feet long.	No. 1 Wire.	Weight, about	28 pounds per dozen	Per doz.
"	30 "	No. 0	" " "	38 " " "	\$26.00
					30.00

## Single and Doubletrees



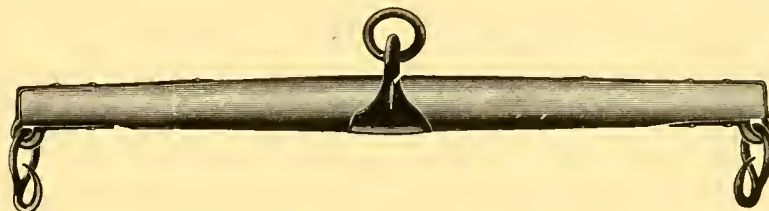
- No. 1—Plow Singletree. Varnished. Length, 26 inches. Size of wood,  $2\frac{3}{8} \times 1\frac{3}{4}$  in. Wt., 34 lbs. per doz... \$2.50  
 Center Clip  $\frac{1}{16}$  inch, End Clips  $\frac{3}{8}$  inch, Hooks  $\frac{1}{4}$  inch.
- No. 2—Plow Singletree. Painted Red. Length, 26 inches. Size of wood,  $2\frac{3}{8} \times 1\frac{3}{4}$  in. Wt., 38 lbs. per doz... 3.00  
 Center Clip  $\frac{1}{2}$  inch, End Clips  $\frac{7}{16}$  inch, Hooks  $\frac{5}{16}$  inch.

Per doz.



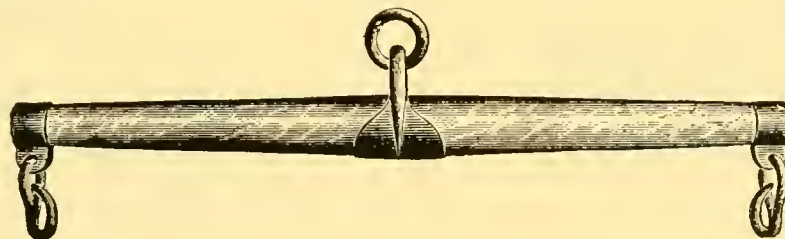
- No. 13—Plow Doubletree. Varnished. Length, 36 inches. Size of wood,  $2\frac{3}{4} \times 2$  in. Wt., 68 lbs. per doz... \$4.00  
 Center Clip  $\frac{9}{16}$  inch, Center Hook  $\frac{7}{16}$  inch, End Clips  $\frac{7}{16}$  inch.
- No. 14—Plow Doubletree. Painted Red. Length, 36 inches. Size of wood,  $2\frac{3}{4} \times 2$  in. Wt., 75 lbs. per doz... 5.00  
 Center Clip  $\frac{5}{8}$  inch, Center Hook  $\frac{1}{2}$  inch, End Clips  $\frac{1}{2}$  inch.

Per doz.



- No. 9 $\frac{1}{2}$ —Wagon or Contractors' Singletree. Painted Red. Heavy Malleable Strap Ends. Wt., 90 lbs. per doz. \$7.00  
 Center Clip  $\frac{5}{8}$  inch, Ring  $\frac{1}{2}$  inch, Hooks  $\frac{3}{8}$  inch, size of Wood  $2\frac{3}{4} \times 2 \times 36$  inches.

Per doz.



- No. 90A—Wagon Singletree. Varnished. Length, 36 inches. Size of wood,  $2\frac{5}{8} \times 2$  in. Wt., 74 lbs. per doz. ....  
 Center Clip  $\frac{9}{16}$  inch, Ring  $\frac{7}{16}$  inch, Ferrule,  $1\frac{3}{8}$  inch, Hooks  $\frac{3}{8}$  inch.
- No. 90 —Wagon Singletree. Varnished. Length, 36 inches. Size of wood,  $2\frac{3}{4} \times 2$  in. Wt., 84 lbs. per doz. ....  
 Center Clip  $\frac{5}{8}$  inch, Ring  $\frac{1}{2}$  inch, Ferrule  $1\frac{1}{2}$  inch, Hooks  $\frac{3}{8}$  inch.

Per doz.



- No. 100—Wagon Singletree. Full Strap Back. Varnished. 36 inches. Wood,  $2\frac{3}{4} \times 2$  in. Wt., 90 lbs. per doz. ....  
 Center Clip  $\frac{5}{8}$  inch, Ring  $\frac{1}{2}$  inch, Full Strap  $\frac{1}{2}$  inch, Hooks  $\frac{3}{8}$  inch.

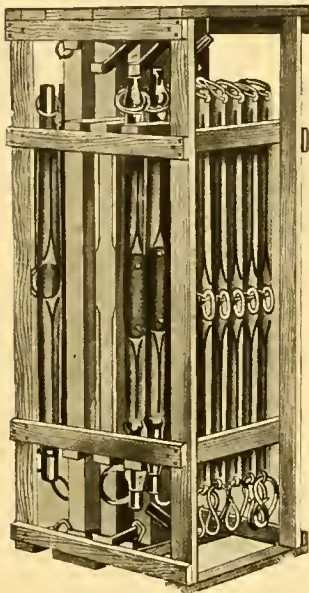
Per doz.

## Heider Single and Doubletrees



Per set.

**Two-Horse Plow Doubletree Set.** Doubletree,  $1\frac{3}{4} \times 3\frac{3}{8} \times 42$  inches, with Steel Clevis and Wood Riveted at each end; two Singletrees,  $2\frac{3}{8} \times 30$  inches, with Welded Center Clips with Rings, Malleable Ferrules with Steel Hooks, Hickory, Painted, Striped and Varnished. Weight, 15 pounds per set..... \$1.70



### Six Complete Wagon Sets Crated.

A complete set consists of the following: One Doubletree,  $2 \times 4 \times 48$  long, with wrought plates, lockpin clevis clip and stay chain ring and wood riveted at each end. Two Singletrees,  $2\frac{3}{8} \times 36$ , with welded center clips with ring, malleable ferrules with steel hook. One Neckyoke,  $2\frac{5}{8} \times 40$ , with center irons and malleable ferrules with steel ring. Center clip on Singletrees are put on hot. Hickory wood only. Weight, per set, 30 pounds.

Cut shows six sets of Hickory Painted Wagon Sets, crated. The crate is built to fully protect them in shipping from being marked or scratched.

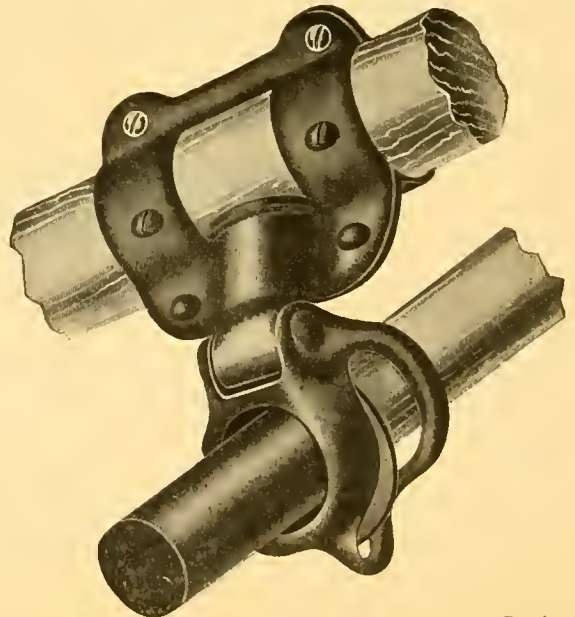
Per crate.

Six Complete Sets, in Crate, Painted, Striped and Varnished. Weight, 225 lbs. per crate..... \$33.00



### Luse Safety Neckyokes.

This Neckyoke is simple and sure. It is strong and cannot get off the pole until the yoke is turned half way over. It cannot hammer the pole, therefore it is noiseless. The band of the yoke is of two pieces of malleable iron, which is firmly riveted on each side of the swivel bolt. The safety device can be readily understood from the cut. The pole cannot drop out when one of these Neckyokes is used and makes an absolute safety.

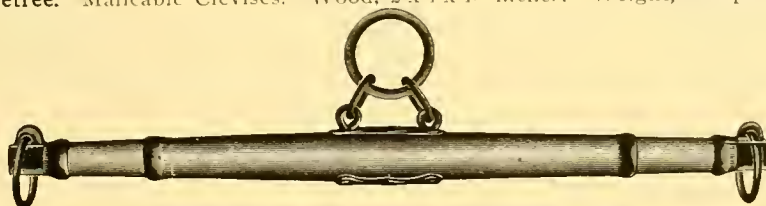


Per doz.

Neckyoke, Complete. Varnished..... \$16.00



Per doz.



Per doz

The image displays three views of a mechanical component, possibly a valve or a specialized fitting. The component has a flared, bell-shaped top and a narrower, cylindrical base. The left and right views show the component from the side, highlighting its curved profile and a small, circular opening at the bottom. The middle view shows the component from the front, revealing its internal structure, which appears to be a series of curved, overlapping plates or segments that form a central passage. The entire illustration is rendered in a detailed, engraved style with fine lines and shading to indicate depth and texture.

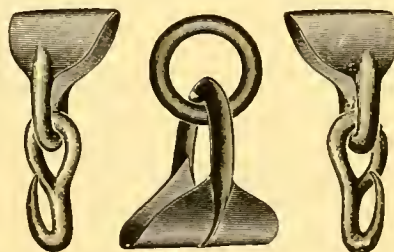
No. 77.

Dozen sets.

No. 73	—Plow Singletree Sets.	5/8-inch Center Clip.	Two 7/16-inch End Clips, with 3/8-inch Hooks.....	\$3.20
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No. 75 1/2—	"	"	"	7/16	"	"	"	5/16	"	"	"	5/16	"	"	.....	1.90
-------------	---	---	---	------	---	---	---	------	---	---	---	------	---	---	-------	------

No. 77	—	"	Doubletree	"	$\frac{5}{8}$ "	"	"	"	with	$\frac{1}{2}$ "	Hook.	Two	$\frac{1}{2}$ -inch	End Clips.....	3.30
--------	---	---	------------	---	-----------------	---	---	---	------	-----------------	-------	-----	---------------------	----------------	------



Dozen sets.

<b>Singletree Sets.</b> One $\frac{5}{8}$ -inch Center Clip with $\frac{9}{16}$ -inch Ring. Two $\frac{7}{16}$ -inch End Clips, with $\frac{3}{8}$ -inch Hooks .....	\$4.50
--	--------

No. 80  $\frac{3}{4}$ .

Per doz.

No. 58	—Neck yoke Center Irons	Complete with $\frac{7}{16}$ -inch Eyes $\frac{3}{8}$ -inch Links 3 x $\frac{9}{16}$ -inch Ring.....	\$3.00
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No. 80 <sup>3</sup> / <sub>4</sub> —Neck yoke Ferrule and Ring. 1 <sup>5</sup> / <sub>8</sub> -inch Ferrule, 3 x <sup>3</sup> / <sub>8</sub> -inch Ring.....	1.30
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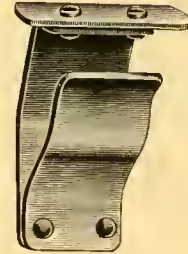
## Anti-Rattlers



No. 1.



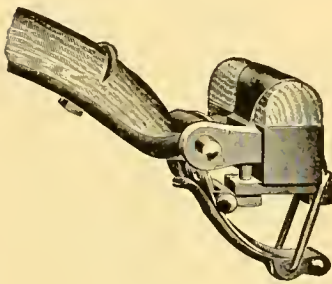
No. 2.



No. 4.

Per doz.

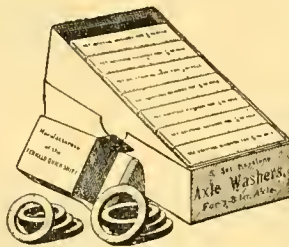
No. 1—Burton Anti-Rattler.	Blue Temper Steel.	$\frac{7}{8}$ -inch.	With Bolt Holder.....	\$2.00
No. 2—	" " " "	$\frac{7}{8}$ "	Without Bolt Holder.....	1.25
No. 4—	" " " "	$1\frac{1}{8}$ "	" " " ".....	1.50



A practical Quick-Shift and Anti-Rattler combined. Simple and low in price. Attaches to any buggy, old or new, working in common shaft eye and shackle. Shafts or pole can be attached or detached, or change made, in an instant without tools of any kind. Is well made throughout of best material. Spring is high grade steel, oil-tempered, and every shifter is thoroughly tested. Has no rubber, leather or brass bushing to wear out in a short time, and is guaranteed to give good service.

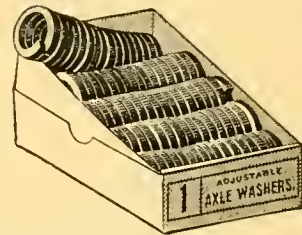
Per doz.

The Improved Quick-Shift. For  $\frac{3}{8}$ -inch Bolt. Tempered Steel Spring. Japanned ..... \$4.00



Solid Axle Washers.

## Axle Washers



Coil Axle Washers.

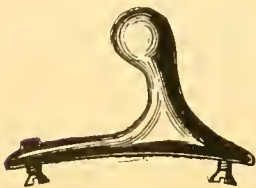
For $\frac{7}{8}$ -inch Axle.	Five Sets in a Box.....	Per box.
" $\frac{15}{16}$ " " " " " "	.....	\$0.96
" 1 " " " " " "	.....	1.12
" $1\frac{1}{8}$ " " " " " "	.....	1.18
" $1\frac{1}{4}$ " " " " " "	.....	1.28
" $1\frac{1}{2}$ " " " " " "	.....	1.44

These Washers are made from best oak-tanned leather and cut from whole stock.

$\frac{7}{8}$ -inch.	Five Coils (100 Washers) in a Box.....	Per box.
1 " " " " " "	.....	\$0.30
$1\frac{1}{8}$ " " " " " "	.....	.35
$1\frac{1}{4}$ " " " " " "	.....	.40
$1\frac{1}{2}$ " " " " " "	.....	.45

Made of best oak stock, full of the life and elasticity of the original leather, which gives the most satisfactory service.

## Rein Supporters

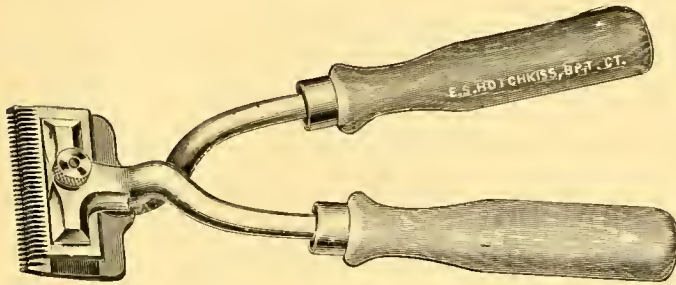


A simple, practical, common-sense device that prevents accidents, saves annoyance, adds to pleasure of driving. Reins never get under horse's tail. Their simplicity, practical working, ornamental appearance, little cost, make them appeal strongly to the driving public. Quarter dozen pairs on display card.

Per doz.

Read's Rein Supporters.	Imitation Rubber.	To attach to Breeching.....	\$3.00
" " "	Nickel Plated.	" " " ".....	3.00

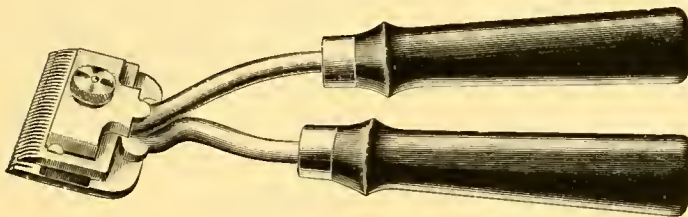
## Horse Clippers



A strong, well-made and finished medium price Clipper. Entirely taken apart by removal of tension bolt. All metal parts nicely polished. Black enameled handles and nickel plated ferrules. A satisfactory, neat and taking article. Weight, about 1½ pounds.

Each.

No. 25—Standard Hand Clipper. Polished. Full Length, 10¼ inches. 3¾-inch Plate..... \$1.75

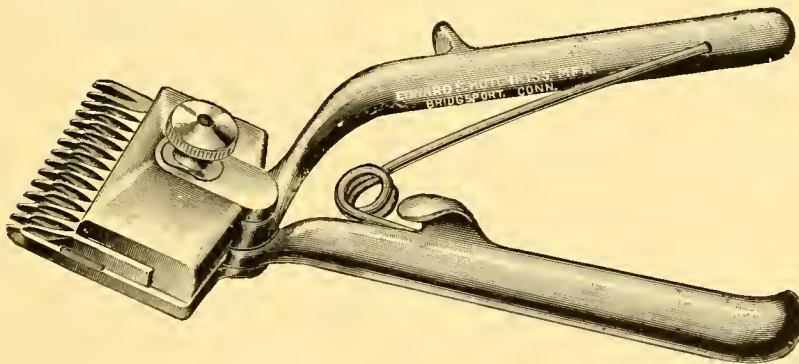


This Clipper is made from the best material throughout, is finely polished and nickel plated, has nicked ferrules and oval turned hardwood handles finished in imitation of vulcanized rubber.

The anti-friction or ball bearing feature is so constructed that the balls are securely held in the cap by the spring piece, thus avoiding any unnecessary loose parts to be mislaid when the Clipper is taken apart.

Each.

No. 40—Ball Bearing Hand Clipper. Nickel Plated. Full Length, 11 inches. 3¾-inch Plate..... \$3.00



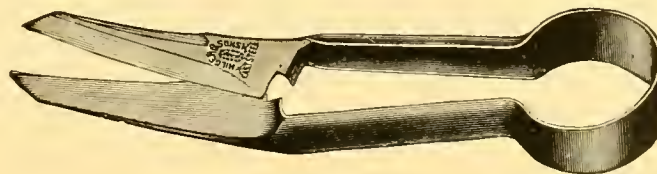
This is a very strong, substantial and satisfactory article, finely finished and nickel plated and recommended as the most satisfactory Ball Bearing Fetlock Clipper ever brought out.

The anti-friction or ball bearing feature is so constructed that the balls are securely held in the cap, thus avoiding any unnecessary loose parts to be mislaid when the Clipper is taken apart. Has strong outside spring of best music spring wire. Plates are carefully ground and have strong coarse cutting teeth.

Each.

No. 100—Ball Bearing Fetlock Clipper. Fine Finish and Nickel Plated. 6¼ inches long. 1¾-inch Plate.... \$2.50

## Mule Shears



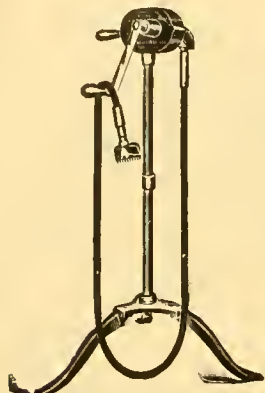
Per doz.

No. 1090—Hilger Mule Shears. Half Polished. Curved Blades. Full Length, 9 inches..... \$4.30

*Half Dozen in a Box.*



## Horse Clipping Machines



### Enclosed Type Clipping Machine.

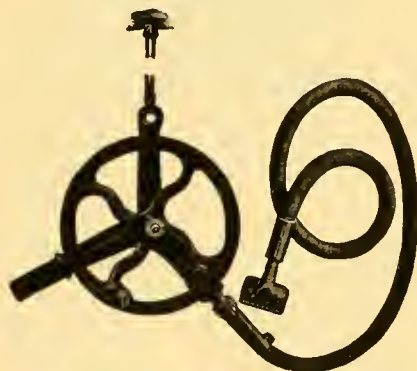
#### Ball Bearing.

A new Clipping Machine, sturdy, compact, perfect in every detail of material and workmanship, and at a price within the reach of every farmer and horseman in the land.

Cast iron tripod with 1-inch tubular upright, japped. All gears are cut from solid steel, made file hard and enclosed in dust-proof metal box. They run in oil and operate practically without friction or wear. Crank handle runs slowly, but the machine works rapidly. The steel flexible shaft is canvas covered.

Extra Knives, for Horse Clipping Machines, \$2.50.

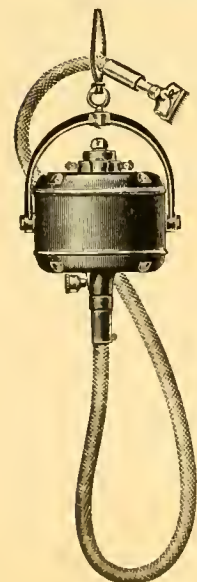
	Each.
No. 1—Horse Clipper. Enclosed Type. Crank Handle. Complete with Knife and Handle, and 6 feet of Flexible Shaft. Weight, about 36 pounds.....	\$ 6.75
Sheep Shearing Attachment. Consisting of Solid Jointed Shearing Shaft, Shearing Handle, four Combs and four Cutters.....	7.75
Combination Horse Clipper and Sheep Shearer. Complete .....	14.50



### The 20th Century Horse Clipping Machine.

It turns easily and works fast, and anybody can operate it. It is suspended from the ceiling by a rope, which enables the operator to reach every part of a horse with ease. Gear is 12-inch, positive drive. Flexible shaft is steel. Knives are highest grade, same as furnished on other machines. No stable is too small to profit from the use of the 20th Century Clipper.

	Each.
The 20th Century. To suspend from ceiling by rope. 12-inch Gear. Complete with Flexible Shaft.....	\$5.00



### Electric Clipping Machine.

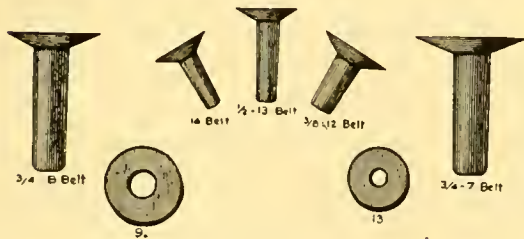
The motors of these machines are extra well made and are furnished complete so that they can be attached to electric incandescent light socket. The flexible shaft is 6½ feet long, and connects directly with the armature shaft of the motor. This eliminates short bends in the shaft near the point of connection, and gives the utmost freedom of motion. The motors are perfectly made, and are self-oiling. Any one can make the connection and the machine can be started or stopped by merely turning the ordinary electric switch, the same as with an incandescent lamp.

Absolutely noiseless. Has a self-oiling device, can be started and stopped instantly, requiring but little current, cannot be injured by careless handling; can be hung out of harm's way when not in use. No electrician is required to install same, connection being made in identically the same manner as screwing in an incandescent lamp globe. Each machine is furnished with automatic starting box.

When ordering, be sure and specify voltage if direct current. If alternating current, specify voltage, number of alternations and periodicity.

	Each.
Electric Clipping Machine. 110 Voltage Direct Current. Weight, boxed, 80 pounds.....	\$40.00
" " " 220 " " " 80 " .....	60.00
" " " Alternating Current. Weight, boxed, 80 pounds.....	85.00

## Rivets and Burrs



### Approximate Number Rivets and Burrs to Pound.

No.	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	Burrs
3	...	...	...	...	...	...	...	...	...	70
4	...	...	...	...	...	...	...	...	...	78
5	...	...	64	53	48	46	44	39	36	85
6	...	105	96	74	68	61	56	54	50	180
7	211	171	150	132	110	97	91	79	72	368
8	284	227	178	156	136	116	100	93	88	417
9	365	276	228	184	169	156	133	124	113	620
10	411	336	275	223	206	180	162	...	...	820
11	416	360	320	...	...	...	...	...	...	944
12	545	400	325	292	257	221	185	...	...	1167

### Copper Rivets and Burrs.

#### In Half Pound Boxes.

	Per lb.
No. 7—Uniform Lengths: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, 1 1/4 in.	\$0.52
Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.55
No. 8—Uniform Lengths: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, 1 1/4 in.	.53
Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.56
No. 9—Uniform Lengths: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1 in.	.55
Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.58
No. 10—Uniform Lengths: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8 in.	.57
Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.60

#### Five Pounds, 10 Boxes, in Carton.

#### In Quarter Pound Boxes.

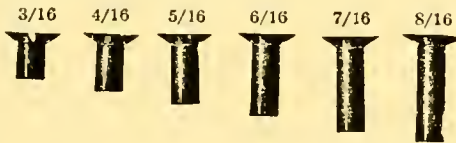
No. 7—Uniform Lengths: 3/8, 1/2, 5/8, 3/4 in.	.55
Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.57
No. 8—Uniform Lengths: 3/8, 1/2, 5/8, 3/4 in.	.56
Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.58
No. 9—Uniform Lengths: 3/8, 1/2, 5/8, 3/4 in.	.58
Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.60
No. 10—Uniform Lengths: 3/8, 1/2, 5/8, 3/4 in.	.60
Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.62

#### Three Pounds, One Dozen Boxes, in Carton.

### Coppered Iron Rivets and Burrs.

#### In Half Pound Boxes.

	Per lb.		Per lb.
No. 7—Uniform Lengths: 3/8, 1/2, 5/8, 3/4, 7/8, 1 in.	\$0.39	No. 9—Uniform Lengths: 3/8, 1/2, 5/8, 3/4, 7/8 in.	\$0.41
Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.43	Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.45
No. 8—Uniform Lengths: 3/8, 1/2, 5/8, 3/4, 7/8, 1 in.	.40	No. 10—Uniform Lengths: 3/8, 1/2, 5/8, 3/4, 7/8 in.	.43
Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.44	Assorted Lengths: 3/8, 1/2, 5/8 and 3/4 in.	.47



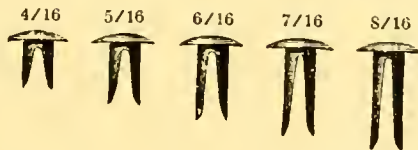
### No. 1 Japped Tubular Rivets.

#### Uniform Lengths. 1,000 in a Box.

Inch....	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	12/16
Per 1,000	\$0.95	.95	1.05	1.15	1.25	1.35	1.45	1.55	

#### Assorted Lengths. In Papers. 12 in Carton.

	Per carton.
50 in a Box. 3/16 to 8/16	\$0.75
100 " " 3/16 to 8/16	1.40



### Copper Bevel Clinch Rivets.

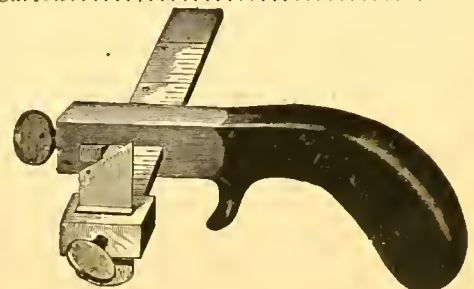
No. 1—Assorted 3/16 to 8/16. In Paper Boxes of 100 Rivets. 12 Boxes in Carton.	Per carton. \$0.70
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## Draw Gauges

Japanned malleable iron hollow handle, polished steel slide, graduated 1/8-inch, with set screws. Total length, 5 inches. Weight, about 12 pounds per dozen.

No. 51 1/2—Tempered Steel Blade	Per doz. \$25.00
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Packed Six in a Box.







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